



# PUBLIC HEALTH REPORTS

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**NOTICE.**

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# PUBLIC HEALTH REPORTS.

## UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

*Reports from San Francisco, Cal.—Plague-prevention work at San Francisco, Oakland, and Point Richmond, and in Alameda and Contra Costa counties, Cal.*

Passed Assistant Surgeon Blue reports:

### SAN FRANCISCO, CAL.

Date of last case of human plague: Sickened, January 30, 1908.

Date of last case of rodent plague: October 23, 1908.

*Week ended May 8, 1909.*

Dead inspected.....	129
Plague.....	0
Premises inspected.....	2,489
Houses disinfected.....	199
Nuisances abated.....	300
Rats found dead.....	59
Rats trapped.....	2,286
Total rats taken.....	2,345
Rats identified:	
Mus norvegicus.....	1,641
Mus rattus.....	53
Mus musculus.....	587
Mus alexandrinus.....	31
Total.....	2,312
Rats identified as to sex:	
Male.....	770
Female.....	877
Total.....	1,647
Ground squirrels trapped.....	3
Gophers trapped.....	18
Rats examined bacteriologically.....	1,458
Plague rats.....	0
Ground squirrels examined bacteriologically.....	3
Plague squirrels.....	0
Gophers examined bacteriologically.....	18
Plague gophers.....	0
Buildings condemned.....	9
Poisons placed.....	20.921

## OAKLAND, CAL.

Date of last case of human plague: Sickened, July 17, 1908.

Date of last case of rodent plague: Trapped, December 1, 1908.

*Week ended May 1, 1909.*

Dead inspected.....	15
Plague.....	0
Necropsies held.....	1
Premises inspected.....	943
Nuisances abated.....	234
Premises cleaned.....	189
Garbage cans installed.....	253
Rats found dead.....	13
Rats trapped.....	603
Rats identified.....	664
Mus norvegicus.....	607
Mus rattus.....	5
Mus musculus.....	48
Mus alexandrinus.....	4
Rats examined bacteriologically.....	601
Plague rats.....	0
Mice examined bacteriologically.....	48
Plague mice.....	0
Poisons placed.....	37,500

## POINT RICHMOND, CAL.

*Week ended May 1.*

Premises inspected.....	490
Nuisances abated.....	35
Rats found dead.....	14
Rats trapped.....	23
Rats examined bacteriologically.....	23
Plague rats.....	0
Poisons placed.....	7,000

## ALAMEDA COUNTY, CAL.

*Week ended May 1.*

Dead inspected.....	44
Plague.....	0
Necropsies held.....	2

## CONTRA COSTA COUNTY, CAL.

*Week ended May 1.*

Dead inspected.....	1
Plague.....	0
Ground squirrels shot.....	52
Ground squirrels examined bacteriologically.....	52
Plague squirrels.....	0
Rabbits trapped.....	1
Rabbits examined bacteriologically.....	1
Plague rabbits.....	0
Ranches inspected.....	25
Ranches found free of ground squirrels.....	10

*Campaign against ground squirrels in Contra Costa County, Cal.*

The following is received from Doctor Blue under date of May 10:

About April 20, 1909, a central headquarters for the campaign against ground squirrels in Contra Costa County was established at Alamo, Cal., and 5 men were placed on duty under the supervision of Passed Asst. Surg. W. C. Rucker.

The campaign will consist in shooting, trapping, and poisoning. For the latter purpose small gas machines will be used for sulphur

and carbon bisulphide asphyxiation. More men will be added to the above force as fast as accommodations can be secured.

On being notified of the proposed campaign the supervisors of Contra Costa County passed the inclosed resolution.

A copy is also inclosed of a state law which was enacted at the last session of the legislature against the harboring of ground squirrels and other rodents throughout the State.

[Inclosures.]

#### No. 1.

[Extract from the proceedings of the board of supervisors of Contra Costa County, State of California, Thursday, May 6, 1909.]

Whereas the Federal Government has made a small appropriation for the purpose of the eradication of ground squirrels throughout the county of Contra Costa; and

Whereas Passed Asst. Surg. W. C. Rucker has been assigned by Doctor Blue, passed assistant surgeon, commanding, to conduct such campaign: Therefore be it

*Resolved*, That said Dr. W. C. Rucker be, and is hereby, appointed a squirrel inspector of this board for the purpose of carrying on a campaign to eradicate and destroy the ground squirrels in Contra Costa County; and be it further

*Resolved*, That the board of supervisors of Contra Costa County urgently recommends and requests that the farmers and citizens of Contra Costa County lend him every assistance in their power to eradicate said ground squirrels.

The foregoing resolution was passed by the unanimous vote of the board.

#### No. 2.

An act declaring property infested with certain rodents to be a public nuisance; requiring owners, occupants, and persons having possession of or dominion over such property to endeavor to exterminate and destroy such rodents; providing for the inspection of property by boards of health and health officers; authorizing boards of supervisors and other governing bodies to purchase materials and employ inspectors to prosecute such work of extermination; authorizing state and local health authorities to prosecute such work in certain cases; providing for the payment of the expense thereof; making the amount of such expense a lien on the property; providing for the collection of such amount by foreclosure of such lien; and declaring any violation of the provisions thereof to be a misdemeanor.

*The people of the State of California, represented in senate and assembly, do enact as follows:*

SECTION 1. It shall be and is hereby declared to be the duty of every person, firm, copartnership, company, and corporation owning, leasing, occupying, possessing, or having charge of or dominion over, any land, place, building, structure, wharf, pier, dock, vessel, or water craft, which is infested with rats, mice, gophers, or ground squirrels, or as soon as the presence of the same shall come to his, their, or its knowledge, at once to proceed and to continue in good faith to endeavor to exterminate and destroy such rodents, by poisoning, trapping, and other appropriate means.

SEC. 2. The State board of health and inspectors appointed by such board, and local health officers and inspectors appointed for the purpose, as hereinafter provided, shall have authority, and shall be permitted to enter into and upon any and all lands, places, buildings, structures, wharves, piers, docks, vessels, and water craft, for the purpose of ascertaining whether the same are infested with such rodents and whether the requirements of this act as to the extermination and destruction thereof are being complied with: *Provided, however*, That no building occupied as a dwelling, hotel, or rooming house, shall be entered for such purpose except between the hours of nine o'clock in the forenoon and five o'clock in the afternoon of any day.

SEC. 3. The board of supervisors of each county and the city council or other governing body of each city and county, city, and town, whenever it may by resolution determine that it is necessary for the preservation of the public health or to prevent the spread of contagious or infectious disease, communicable to mankind, or when such board shall so determine that it is necessary to prevent great and irreparable damage to crops or other property, may appropriate moneys for the purchase of, and may purchase, poison, traps, and other materials for the purpose of exterminating and destroying such rodents in such county, city and county, city or town, and may employ and pay inspectors, who shall have authority to and shall prosecute such work of extermination and destruction, under the direction of such board, or of the local health officer, or board of health, on both private and public property, in such county, city and county, city or town.

SEC. 4. Whenever any person, firm, copartnership, company, or corporation, owning, leasing, occupying, possessing, or having charge of or dominion over any land,

place, building, structure, wharf, pier, dock, vessel, or water craft, which is infested with such rodents, shall fail, neglect, or refuse to proceed and to continue to endeavor to exterminate and destroy such rodents, as herein required, it shall be the duty of the state board of health, its inspectors and the local board of health and health officer, at once to cause such nuisance to be abated by exterminating and destroying such rodents. The expense thereof shall be a charge against the county, city and county, city or town, wherein the work is done, and the board of supervisors or other governing body shall allow and pay the same. Thereupon, the clerk of such board shall file in the office of the county recorder a notice of such payment, claiming a lien on such property for the amount of such payment. Any and all sums so paid by such county, city and county, city or town, shall be a lien on the property on which said nuisance shall have been abated, and may be recovered in an action against such property, which action to foreclose such lien shall be brought within ninety days after such payment, and be prosecuted by the district, city, or town attorney, in the name of such county, city and county, city or town, and for its benefit. When the property is sold, enough of the proceeds shall be paid into the treasury of such county, city and county, city or town to satisfy such lien and the costs, and the overplus, if any there be, shall be paid to the owner of the property, if known, and if not known shall be paid into court for the use of such owner when ascertained. When it appears from the complaint in such action that the property on which such lien is to be foreclosed is likely to be removed from the jurisdiction of the court, the court may appoint a receiver to take possession of the property and hold the same while the action may be pending or until the defendant shall execute and file a bond, with sufficient sureties, conditioned for the payment of any judgment that may be recovered against him in the action and all costs.

SEC. 5. Any violation of the provisions of this act shall be deemed a misdemeanor and shall be punishable as such.

#### *Report from Los Angeles, Cal.—Case of leprosy.*

Surgeon Brooks reports, May 4:

A case of leprosy has been found in a patient recently admitted to the Los Angeles County Hospital.

The patient is 55 years of age, a native of Italy. He has been a sailor for 19 years, and at one time was a plantation laborer in the Hawaiian Islands. He states that he has lived in this city for the last 6 years, usually working in restaurants or saloons, sweeping, dishwashing, etc. The thickened and furrowed condition of the forehead, lobes of the ears, hands, and especially the feet, are strongly indicative of leprosy. There is a superficial ulceration of both legs. Large numbers of acid-fast bacilli have been found in smears from the ulcers and in the secretions from the mouth and nostrils. There is a marked anaesthesia of the legs and the feet, and to a less degree in the arms. The patient believes that the disease appeared within the last two years. His last place of employment has been disinfecting by the city health department, and he will be strictly isolated at the county hospital.

#### *Reports from Seattle, Wash.—Plague-prevention work.*

Passed Assistant Surgeon Glover reports, May 3:

##### SEATTLE, WASH.

Date of finding of last plague rat, September 26, 1908.

*Week ended May 1, 1909.*

Rats received.....	1,135
Rats necropsied.....	1,126
Plague rats found.....	0
Plague-infected rats to date.....	21

*Summary of plague laboratory work during the month of April, 1909.*

Assistant Surgeon Chapin, plague laboratory, reports, May 5, through Passed Assistant Surgeon Glover:

During the month of April, 1909, 4,083 rats were delivered at the laboratory and 4,004 were necropsied. No plague-infected rats were found. Two hundred and thirty-seven fleas were found upon 32 rats examined. Twenty-six rats were subjected to cultural and inoculation tests on account of lesions suggesting a remote possibility of an incipient or a typical plague infection, but with negative results.

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES—UNTABULATED.

CALIFORNIA—*San Diego*.—Month of April, 1909. Estimated population, 42,500. Total number of deaths, 48, including 4 from tuberculosis. Cases: Measles 3, and scarlet fever 2.

*City and county of San Francisco*.—Month of March, 1909. Estimated population, 475,000. Total number of deaths, 579, including enteric fever 6, measles 11, scarlet fever 3, whooping cough 2, diphtheria 4, and 100 from tuberculosis. Cases: Diphtheria 65, scarlet fever 66, smallpox 3, measles 368, whooping cough 37, enteric fever 21, and tuberculosis 186.

FLORIDA—*Pensacola*.—Month of April, 1909. Estimated population, 30,000. Total number of deaths, 22, including enteric fever 1, and 3 from tuberculosis.

ILLINOIS—*Alton*.—Month of April, 1909. Estimated population, 22,000. Total number of deaths, 14, including 1 from enteric fever. Cases: Diphtheria 1, and smallpox 2.

*Peoria*.—Month of April, 1909. Estimated population, 80,000. Total number of deaths not reported. Deaths reported from contagious diseases were: Scarlet fever 1, diphtheria 2, measles 3, whooping cough 1, and 8 from tuberculosis. Cases: Smallpox 44, and scarlet fever 6.

IOWA—*Ottumwa*.—Month of April, 1909. Estimated population, 25,000. Total number of deaths, 30; cause of deaths not reported. Cases: Measles 3, whooping cough 4, and tuberculosis 3.

KANSAS.—Month of February, 1909. Estimated population, 1,470,495. Total number of deaths from contagious and infectious diseases, 115. Causes of death: Tuberculosis 82, enteric fever 11, diphtheria 11, scarlet fever 7, and 4 from measles. Cases: Tuberculosis 134, enteric fever 35, diphtheria 82, scarlet fever 186, smallpox 358, and measles 562.

LOUISIANA—*New Orleans*.—Month of April, 1909. Estimated population, 362,000 (white, 265,000; colored, 97,000). Total number of deaths, 534 (white, 321; colored, 213), including enteric fever 5, scarlet fever 9, diphtheria 3, whooping cough 4, and 74 from tuber-



culosis. Annual death rate per 1,000 for the month: White, 14.53; colored, 26.35. Total white and colored, 17.68.

NEW YORK STATE.—Month of March, 1909. Estimated population, 8,699,643. Total number of deaths, 13,111, corresponding to an annual death rate of 18.1 per 1,000 of population, including enteric fever 77, smallpox 1, measles 140, scarlet fever 147, whooping cough 65, diphtheria 246, and 1,553 from tuberculosis. Cases: Tuberculosis 3,097, diphtheria 2,118, scarlet fever 3,175, measles 6,870, smallpox 32, and enteric fever 389.

Auburn.—Month of April, 1909. Estimated population, 40,000. Total number of deaths, 45, including whooping cough 1, and 5 from tuberculosis. Cases of contagious diseases reported: Diphtheria 2, enteric fever 1, scarlet fever 1, whooping cough 5, phthisis pulmonalis 5.

Buffalo.—Month of April, 1909. Estimated population, 415,532. Total number of deaths, 477, including diphtheria 6, scarlet fever 13, enteric fever 5, and 57 from tuberculosis. Cases: Enteric fever 11, scarlet fever 343, diphtheria 41, measles 40, whooping cough 26, and tuberculosis 80.

Rome.—Month of April, 1909. Estimated population, 18,500. Total number of deaths, 55, including diphtheria 2, and 8 from tuberculosis. Cases: Scarlet fever 2, diphtheria 13, enteric fever 1, whooping cough 7.

NORTH CAROLINA—Charlotte.—Month of April, 1909. Estimated population, 40,000. Total number of deaths, 42, including whooping cough 1, measles 2, and 5 from tuberculosis. Cases of contagious diseases reported: Measles 76, and whooping cough 4.

OHIO—Toledo.—Month of March, 1909. Estimated population, 195,888. Total number of deaths, 169, including diphtheria 2, enteric fever 4, scarlet fever 1, and 20 from tuberculosis. Cases of contagious diseases reported: Diphtheria 16, measles 14, scarlet fever 18, enteric fever 40, and tuberculosis 2.

OREGON—Portland.—Month of March, 1909. Estimated population, 255,000. Total number of deaths, 169, including diphtheria 1, whooping cough 1, enteric fever 1, and 18 from tuberculosis. Cases: Diphtheria 17, measles 231, whooping cough 5, scarlet fever 53, smallpox 9, and enteric fever 10.

UTAH—Salt Lake City.—Month of April, 1909. Estimated population, 85,000. Total number of deaths from all causes, 123, including diphtheria 2, scarlet fever 9, enteric fever 2, and 9 from tuberculosis. Cases: Diphtheria 25, whooping cough 38, measles 10, smallpox 37, scarlet fever 83, and tuberculosis 1.

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1908, to May 21, 1909.*

For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Autauga County.....	Feb. 27-Apr. 5.....	11		
Prattville.....	Feb. 27-Apr. 5.....	3		
Dallas County.....	Feb. 20-Apr. 12.....	12		
Selma.....	Feb. 28-Apr. 12.....	26		
Jefferson County—				
Birmingham.....	Mar. 1-31.....	10		
Mobile County—				
Mobile.....	Jan. 12-Apr. 17.....	8		
Montgomery County—				
Montgomery.....	Mar. 13-Apr. 2.....		2	
Tuscaloosa County.....				86 cases year 1908.
Total for State.....		70	2	
<b>Arkansas:</b>				
Allbrook.....	Jan. 1-Mar. 25.....	40		
Bethel.....	Jan. 25.....	3		
Jonesboro.....	Jan. 20-Mar. 1.....	20		
Little Rock.....	Dec. 15-Jan. 2.....	23		
Magnolia.....	Jan. 5-13.....	25		
Paragould.....	Feb. 1-Mar. 9.....	27		
Texarkana.....	Nov. 26-Jan. 11.....	10		
Total for State.....		148		
<b>California, general:</b>				
Berkeley.....	Nov. 1-Mar. 31.....		5	
Berkeley.....	Apr. 18-24.....	1		
Los Angeles.....	Dec. 6-May 8.....	20	1	
Oakland.....	Nov. 1-Apr. 26.....	18		
Sacramento.....	Nov. 1-May 8.....	60		
San Francisco.....	Dec. 13-May 8.....	32		
Stockton.....	Nov. 1-May 1.....	13		
Total for State.....		144	6	
<b>Colorado, general:</b>				
	July 1-Feb. 23.....	109		
<b>District of Columbia:</b>				
Washington.....	Dec. 28-Apr. 17.....	11		
Total for District.....		11		
<b>Georgia:</b>				
Bibb County—				
Macon.....	Mar. 14-May 2.....	25		
Cobb County.....	Jan. 16-Feb. 7.....	8		
Paulding County.....	Jan. 16-Feb. 7.....	15		
Total for State.....		48		
<b>Illinois:</b>				
Alexander County—				
Calro.....	Jan. 7-Mar. 31.....	233		
Delta.....	Feb. 1-28.....	40		
Fayville.....	Feb. 1-28.....			Present.
Thebes.....	Jan. 1-Feb. 28.....	6		
Bureau County—				
Ladd.....	Nov. 1-30.....	4		
Carroll County—				
Savanna.....	Feb. 1-Mar. 31.....	3		
Cass County.....	Feb. 1-Mar. 31.....	4		
Champaign County.....	Mar. 1-31.....	1		
Christian County—				
Edinburg.....	Feb. 1-Mar. 28.....	27		
Taylorville.....	Aug. 1-Mar. 31.....	55		
Clinton County—				
Boulder.....	Feb. 1-28.....	1		
Carlyle.....	Jan. 1-31.....	1		
Coles County—				
Charleston.....	Jan. 1-30.....	1		
Cook County—				
Chicago.....	Jan. 3-May 8.....	11		
Fayette County.....	Mar. 1-31.....	3		
Franklin County—				
West Frankfort.....	Dec. 12-Feb. 13.....	15		

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois—Continued.</b>				
Fulton County—				
Canton.....	Jan. 1-Feb. 28.....	55		
Cuba.....	Jan. 1-31.....	1		
Farmington.....	Mar. 1-31.....	25		
Lewiston.....	Jan. 1-Mar. 31.....	26		
Norris.....	Feb. 1-Mar. 31.....	19		
Jackson County.....	Feb. 1-21.....	2		
Murphysboro.....	Jan. 1-Mar. 31.....	70	1	
Jasper County.....	Jan. 1-31.....			Present in Smallwood and South Muddy townships.
Newton.....	Jan. 1-31.....	1		
Jo Daviess County—				
Galena.....	Jan. 1-31.....	3		
Kane County—				
St. Charles.....	Jan. 1-Mar. 31.....	2		
Kankakee County—				
Grant Park.....	Jan. 1-31.....	1		
Knox County—				
Galesburg.....	Feb. 14-May 8.....	10		
Lake County.....	Mar. 1-31.....	1		
Waukegan.....	Feb. 2-26.....	3		
Livingston County.....	Feb. 1-28.....	3		
McLean County—				
Bloomington.....	Jan. 1-Mar. 31.....	14		
Macon County.....	Feb. 1-Mar. 31.....	7		
Decatur.....	Jan. 1-Mar. 31.....	20		
Macoupin County.....		21		
Benld.....	Feb. 15-18.....	2		
Palmyra.....	Dec. 25-Jan. 20.....	4		
Scottsville.....	Dec. 25-Jan. 20.....	12		
Madison County—				
Alton.....	Mar. 1-Apr. 30.....	3		
Marion County—				
Centralia.....	July 1-Jan. 20.....	53		
Kimmunity.....	Mar. 1-31.....	2		And vicinity.
Odin.....	Jan. 1-31.....	1		
Sandoval.....	Jan. 1-Mar. 31.....	3		
Mason County.....	Jan. 1-Mar. 31.....	12		Present in Bath, Havana, and Quiver townships.
Massac County—				
Metropolis.....	Jan. 1-Mar. 31.....	6		
Mercer County.....	Jan. 1-31.....	1		In North Henderson township.
Montgomery County.....	Jan. 1-31.....	8		Present in Farmersville and in Bois d'Arc and Pitman townships.
Morgan County—				
Jacksonville.....	Feb. 5-11.....	1		
Peoria County—				
Elmwood.....	Mar. 1-31.....	2		
Peoria.....	Dec. 20-Apr. 30.....	77		Present in Glasford and in Timber and Trivoli townships.
Pope County—				
Eddyville.....	Feb. 1-28.....			Present in vicinity.
Pulaski County.....	Jan. 1-31.....			Present in Pulaski.
Mounds.....	Jan. 1-Mar. 31.....	18		
Mound City.....	Jan. 1-31.....	7		Feb. 28, still present.
Randolph County—				
Percy.....	Jan. 1-Mar. 31.....	40		
Preston.....	Mar. 1-31.....	6		
St. Clair County.....	Feb. 1-Mar. 31.....	16		
Belleville.....	Dec. 4-Feb. 28.....	15		
Mascoutah.....	Jan. 1-31.....	1		
Millstadt.....	Jan. 1-Feb. 28.....	2		
Saline County—				
Eldorado.....	Jan. 1-Feb. 28.....	4		
Harrisburg.....	Mar. 1-31.....	8		
Sangamon County—				
Pawnee.....	Jan. 1-31.....	2		
Springfield.....	Mar. 20-May 14.....	21		
Schuyler County—				
Browning.....	Oct. 12-Jan. 20.....	75		
Stevenson County—				
Freeport.....	Feb. 1-28.....	9		
Tazewell County.....	Jan. 1-Mar. 31.....			Present in Elm Grove, Green Valley and Groveland townships.
Pekin.....	Jan. 1-Mar. 31.....	53		
Washington.....	Mar. 1-31.....	1		
Vermilion County—				
Danville.....	Jan. 11-May 9.....	74		
Rankin.....	Feb. 1-28.....	1		



## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois—Continued.</b>				
Williamson County—				
Bush.....	Mar. 1-31.....	6		
Cartersville.....	Jan. 1-Mar. 31.....	17		
Johnston City.....	Jan. 1-31.....	1		
Marion.....	Jan. 1-Mar. 31.....	19		
Woodford County—				
Roanoke.....	Mar. 1-31.....	3		
Total for State.....		1,275	1	
<b>Indiana:</b>				
Allen County.....	Dec. 1-31.....	1		
Fort Wayne.....	Jan. 10-Apr. 24.....	7		
Bartholomew County.....	Dec. 1-31.....	1		
Benton County.....	Nov. 1-Dec. 31.....	4		
Boone County.....	Nov. 1-Dec. 31.....	2		
Carroll County.....	Oct. 1-31.....	26		
Clay County.....	Oct. 1-31.....	8		
Dearborn County.....	Oct. 1-31.....	1		
Delaware County.....	Dec. 1-31.....	52		
Muncie.....	Mar. 27.....	1		
Elkhart County.....	Oct. 1-Nov. 30.....	7		
Elkhart.....	Jan. 17-Mar. 6.....	8		
Franklin County.....	Dec. 1-31.....	1		
Gibson County.....	Dec. 1-31.....	1		
Grant County.....	Dec. 1-31.....	2		
Union.....	Feb. 6.....	5		
Hamilton County.....	Dec. 1-31.....	1		
Harrison County.....	Dec. 1-31.....	1		
Hendricks County.....	Nov. 1-Dec. 31.....	5		
Madison County.....	Oct. 1-31.....	1		
Anderson.....	Dec. 1-31.....	1		
Marion County.....	Dec. 1-31.....	1		
Indianapolis.....	Jan. 18-May 9.....	9		
Miami County.....	Dec. 1-31.....	1		
Rush County.....	Dec. 1-31.....	24		
Shelby County.....	Dec. 1-31.....	1		
Spencer County.....	Dec. 1-31.....	1		
St. Joseph County.....	Dec. 1-31.....	12		
South Bend.....	Mar. 23-May 8.....	7		
Sullivan County.....	Oct. 1-31.....	2		
Tiptecanoe County.....	Oct. 1-Dec. 31.....	77		
Lafayette.....	Dec. 15-May 3.....	66	1	
Tipton County.....	Nov. 1-Dec. 31.....	2		
Vanderburg County—				
Evansville.....	Jan. 10-Feb. 20.....	10		
Vigo County.....	Oct. 1-Dec. 31.....	7		
Wabash County.....	Nov. 1-Dec. 31.....	4		
Warren County.....	Dec. 1-31.....	7		
Wayne County.....	Nov. 1-30.....	8		
Total for State.....		375	1	
<b>Iowa, general.</b>				
	July 1-Sept. 30.....		2	
Burlington.....	Jan. 1-31.....	1		
Cedar Rapids.....	Mar. 1-May 1.....	15		
Council Bluffs.....	July 1-May 10.....	35	2	
Davenport.....	Apr. 12-18.....	1		
Dubuque.....	Oct. 1-Jan. 31.....	87	1	
New Hampton.....	Feb. 26.....	8		
Sioux City.....	Apr. 1-30.....	1		
Total for State.....		148	5	
<b>Kansas:</b>				
Allen County.....	Jan. 1-Mar. 31.....	11		
Atchison County.....	Mar. 1-31.....	9		
Atchison.....	Dec. 20-Mar. 31.....	6		
Barton County.....	Nov. 1-30.....	7		
Bourbon County.....	Nov. 1-30.....	1		
Brown County.....	Nov. 1-Mar. 31.....	56		
Butler County.....	Feb. 1-Mar. 31.....	7		
Chautauqua County.....	Feb. 1-Mar. 31.....	19		
Cherokee County.....	Jan. 1-Mar. 31.....	30		
Clark County.....	Mar. 1-31.....	5		
Crawford County.....	Jan. 1-Mar. 31.....	9		
Pittsburg.....	Nov. 1-Mar. 31.....	130		
Decatur County.....	Jan. 1-Mar. 31.....	12		
Doniphan County.....	Mar. 1-31.....	15		
Douglas County.....	Mar. 1-31.....	3		
Finney County.....	Feb. 1-28.....	2		

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
Ford County.....	Jan. 1-Mar. 31.....	4		
Franklin County.....	Dec. 1-Mar. 31.....	4		
Greenwood.....	Feb. 1-Mar. 31.....	24		
Harvey County.....	Nov. 1-Mar. 31.....	6		
Jackson County.....	Nov. 1-Mar. 31.....	106		
Jefferson County.....	Dec. 1-Mar. 31.....	23		
Jewell County.....	Dec. 1-Mar. 31.....	30		
Labette County—				
Parsons.....	Jan. 1-Mar. 31.....	11		
Lane County.....	Jan. 1-31.....	4		
Lincoln County.....	Mar. 1-31.....	1		
Lyon County.....	Feb. 1-28.....	8		
McPherson County.....	Jan. 1-31.....	1		
Marion County.....	Mar. 1-31.....	1		
Marshall County.....	Jan. 1-Mar. 31.....	4		
Mitchell County.....	Feb. 1-28.....	2		
Montgomery County.....	Nov. 1-Mar. 31.....	20		
Nemaha County.....	Dec. 1-Feb. 28.....	3		
Ness County.....	Mar. 1-31.....	5		
Osage County.....	Feb. 1-Mar. 31.....	39		
Osborne County.....	Mar. 1-31.....	4		
Phillips County.....	Dec. 1-Mar. 31.....	9		
Pottawatomie County.....	Nov. 1-Mar. 31.....	70		
Pratt County.....	Dec. 1-31.....	20		
Rawlins County.....	Mar. 1-31.....	20		
Reno County.....	Nov. 1-Jan. 31.....	4	1	
Republic County.....	Mar. 1-31.....	3		
Riley County.....	Nov. 1-30.....	2		
Rooks County.....	Jan. 1-31.....	3		
Saline County.....	Nov. 1-Mar. 31.....	57		
Sedgwick County.....	Feb. 1-Mar. 31.....	9		
Wichita.....	Mar. 7-May 8.....	17		
Shawnee County.....	Nov. 1-Mar. 31.....	120		
Topcka.....	June 7-Apr. 3.....	128		
Sheridan County.....	Dec. 1-Jan. 31.....	11		
Smith County.....	Feb. 1-Mar. 31.....	8		
Stafford County.....	Dec. 1-31.....	1		
Sumner County.....	Nov. 1-Mar. 31.....	11		
Thomas County.....	Jan. 1-31.....	2		
Wallace County.....	Jan. 1-31.....	2		
Wabaunsee County.....	Jan. 1-Mar. 31.....	8		
Wilson County.....	Nov. 1-30.....	5		
Wyandotte County—				
Kansas City.....	Jan. 3-May 8.....	59		
Total for State.....		1,191	1	
<b>Kentucky:</b>				
Anderson County.....	Oct. 1-Jan. 20.....	200	1	Including Lawrenceburg.
Berea.....	Feb. 1-Apr. 2.....	20		
Covington.....	Dec. 29-Apr. 24.....	34		
Fulton.....	Feb. 1-Mar. 22.....	27		
Georgetown.....	Dec. 2-Mar. 4.....	31		
Henderson.....		7		Jan. 1-June 30, 1908.
Lexington.....	Dec. 28-May 8.....	46		
Newport.....	July 1-May 8.....	71	1	Jan. 1-June 30, 1908, 16 cases, 1 death.
Paducah.....	Jan. 24-Apr. 3.....	44		
Total for State.....		480	2	
<b>Louisiana:</b>				
Alexandria.....	Feb. 1-28.....	9		
Arcadia Parish.....	Dec. 20-Jan. 11.....	30		Including Bienville, Liberty Hill, and Mount Lebanon.
New Orleans.....	Dec. 20-May 1.....	44		Mainly imported.
Shreveport.....	Jan. 1-20.....	32	1	
Winnfield.....	Jan. 1-Mar. 24.....	33		And vicinity.
Total for State.....		148	1	
<b>Maine:</b>				
Cyr plantation.....	Oct. 16-24.....	11		
Frenchville.....	Nov. 11-Dec. 5.....	2		
Grand Isle (Grant Isle).....	Oct. 16-Dec. 12.....	26		
St. Agatha.....	Oct. 24-Dec. 26.....	9		
St. David.....	Dec. 13-19.....	1		
Upper Frenchville.....	Oct. 25-Nov. 11.....	2		
Van Buren.....	Oct. 18-Feb. 6.....	94		
Total for State.....		145		

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Maryland.....	Mar. 18 to 21.....	10		House of Correction, Bridewell.
Baltimore.....	Jan. 30-Feb. 6.....	1		
Total for State.....		11		
Massachusetts:				
Boston.....	Mar. 14-20.....	2		
Haverhill.....	Mar. 14-20.....	1		
Lawrence.....	Mar. 7-13.....	1		
New Bedford.....	Jan. 30-Mar. 13.....	3	1	
Total for State.....		7	1	
Michigan:				
Barry County.....	Nov. 1-Dec. 31.....	5		
Cheboygan County.....	Dec. 1-31.....	4		
Delta County.....	Nov. 1-30.....	1		
Eaton County.....	Dec. 1-31.....	1		
Ingham County—				
Lansing.....	Nov. 1-Dec. 31.....	11		
Ionia County.....	Dec. 1-31.....	2		
Kalamazoo County.....	Dec. 1-31.....	3		
Kent County—				
Grand Rapids.....	Jan. 24-Apr. 24.....	3		
Lapeer County.....	Dec. 1-31.....	2		
Macomb County.....	Nov. 1-30.....	1		
Manistee County.....	Nov. 1-30.....	2		
Menominee County.....	Dec. 1-31.....	1		
Muskegon County.....	Nov. 1-Dec. 31.....	19		
Saginaw County—				
Saginaw.....	Jan. 16-May 8.....	20		
St. Clair County.....	Nov. 1-Dec. 31.....	2		
Port Huron.....	Nov. 1-Dec. 5.....	3		
Wayne County—				
Detroit.....	Jan. 10-Mar. 27.....	7		
Wexford County.....	Dec. 1-31.....	2		
Total for State.....		89		
Minnesota:				
Becker County.....	Dec. 7-13.....	1		
Benton County.....	Oct. 26-Nov. 2.....	1		
Brown County.....	Oct. 30-Nov. 23.....	11		
Carver County.....	Dec. 7-13.....	6		
Cass County.....	Oct. 12-Dec. 7.....	1		
Chippewa County.....	Nov. 3-9.....	1		
Cottonwood County.....	Oct. 20-26.....	1		
Dodge County.....	Nov. 24-Dec. 7.....	2		
Faribault County.....	Dec. 7-13.....	1		
Hennepin County.....	Oct. 6-12.....	1		
Minneapolis.....	Nov. 1-Apr. 24.....	100		
Hubbard County.....	Oct. 19-Dec. 7.....	11		
Jackson County.....	Dec. 7-13.....	1		
Lac qui Parle County.....	Nov. 2-Dec. 13.....	3		
Lyon County.....	Nov. 16-Dec. 13.....	2		
Morrison County.....	Nov. 20-Dec. 13.....	20		
Nicollet County.....	Nov. 16-Dec. 13.....	3		
Norman County.....	Dec. 7-13.....	5		
Pipestone County.....	Dec. 7-13.....	6		
Ramsey County.....	Nov. 16-Dec. 7.....	2		
St. Paul.....	Nov. 1-Mar. 31.....	200		
Renville County.....	Dec. 1-7.....	1		
St. Louis County—				
Duluth.....	Nov. 9-May 13.....	27		
Sibley County.....	Dec. 7-13.....	9		
Stearns County.....	Nov. 9-Dec. 7.....	4		
Steele County.....	Oct. 20-Dec. 7.....	4		
Stevens County.....	Nov. 9-Dec. 13.....	12		
Todd County.....	Nov. 9-Dec. 13.....	3		
Wabasha County.....	Nov. 2-Dec. 7.....	10		
Wadena County.....	Nov. 2-Dec. 13.....	15		
Waseka County.....	Oct. 26-Dec. 7.....	9		
Washington County.....	Nov. 24-31.....	1		
Stillwater.....	Dec. 1-31.....	3		
Winona County.....	Dec. 1-7.....	1		
Winona.....	Dec. 1-Feb. 28.....	8		
Yellow Medicine County.....	Oct. 20-26.....	1		
Total for State.....		487		
Mississippi:				
De Soto County.....	Nov. 1-Dec. 22.....	135		
Total for State.....		135		

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Missouri:</b>				
Kansas City.....	Jan. 24-May 8....	22		
Kirksville.....	Nov. 1-Jan. 31....	96		
Liberty.....	Jan. 15-Mar. 11....	20		
Rich Hill.....	Dec. 5-31.....	4		
St. Joseph.....	Dec. 1-Apr. 3.....	2		
St. Louis.....	Dec. 20-May 8.....	31		
Springfield.....	Nov. 1-Feb. 23....	3		
Total for State.....		178		
<b>Montana:</b>				
Beaverhead County.....	Feb. 1-28.....	2		
Carbon County.....	Feb. 1-28.....	1		
Cascade County.....	Nov. 1-Mar. 31....	14		
Great Falls.....	Apr. 25-May 1....	1		
Chouteau County.....	Jan. 1-Feb. 28....	4		
Dawson County.....	Dec. 31-Mar. 31....	21		
Fergus County.....	Dec. 31-Mar. 31....	35		
Flathead County.....	Nov. 1-30.....	1		
Gallatin County.....	Nov. 1-Mar. 31....	26		
Bozeman.....	Nov. 1-Mar. 31....	19	1	
Granite County.....	Jan. 1-Mar. 31....	7		
Jefferson County.....	Nov. 1-30.....	4		
Lewis and Clark County.....	Mar. 1-31.....	1		
Madison County.....	Dec. 1-31.....	2		
Meagher County.....	Mar. 1-31.....	1		
Missoula County.....	Jan. 1-31.....	12		
Missoula.....	Jan. 1-Feb. 28....	5	1	
Park County.....	Jan. 1-Mar. 31....	17		
Powell County.....	Jan. 1-Feb. 28....	15		
Ravalli County.....	Nov. 1-Mar. 31....	19		
Sanders County.....	Jan. 1-Feb. 28....	11		
Silverbow County.....	Nov. 1-Mar. 31....	20	1	
Butte.....	Mar. 16-May 4....	45		
Yellowstone County.....	Nov. 1-30.....	1		
Billings.....	Jan. 1-Mar. 31....	2		
Total for State.....		286	3	
<b>Nebraska:</b>				
Arlington.....	Jan. 25.....	1		
Lincoln.....	Nov. 1-Mar. 31....	22		
Polk.....	Mar. 20-Apr. 23....	14		And vicinity.
South Omaha.....	Dec. 20-Apr. 10....	15		
Total for State.....		52		
<b>New Hampshire:</b>				
Hinsdale.....	Nov. 1-Dec. 15....	6		
West Chesterfield.....	Nov. 1-Dec. 15....	1		
West Lebanon.....	Jan. 15-Feb. 7....	2		
Westmoreland.....	Nov. 1-Dec. 15....	1		
Total for State.....		10		
<b>New Jersey:</b>				
Camden.....	Feb. 21-May 8....	16		
Haddonfield.....	Mar. 26-27.....	2		
Hightstown.....	Mar. 3.....	1		
Lodi.....	Apr. 15.....	1		
New Brunswick.....	Mar. 7-Apr. 5....	7		
Paterson.....	Mar. 16-Apr. 2....	8		
Perth Amboy.....	Mar. 4-31.....	26		
Plainfield.....	Mar. 7-Apr. 10....	6		
Trenton.....	Apr. 25-May 1....	2	1	
Woodbridge.....	Mar. 6-26.....	1		
Total for State.....		70	1	
<b>New York, general:</b>				
	Nov. 1-Mar. 31....	232	2	Including Amsterdam, Bridgeport, Broome, Cicero, Gardiner, and Middleburg.
Buffalo.....	Feb. 14-Mar. 20....	4		
Little Falls.....	Apr. 10-May 8....	4		
Mohawk Valley.....			1	Year 1908.
New York.....	Feb. 21-Apr. 3....	6	1	
Niagara Falls.....	Feb. 7-May 1....	2		
Rome.....	Jan. 1-31.....	1		
Schenectady.....	Feb. 7-13.....	1		
Syracuse.....	Jan. 9-31.....	3		
Total for State.....		253	4	

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina:</b>				
Ashe County.....	Jan. 1-31.....	7		
Bertie County.....	Nov. 1-30.....	1		
Camden County.....	Jan. 1-31.....	30		
Catawba County.....	Nov. 1-Dec. 31....	4		
Currituck County.....	Nov. 1-Jan. 31....	34		
Duplin County.....	Dec. 1-Jan. 31....	60		
Edgecombe County.....	Dec. 1-31.....	1		
Johnston County.....	Nov. 1-Jan. 31....	13		
Jones County.....	Jan. 1-31.....	3		
Lenoir County.....	Dec. 1-31.....	20		
Lincoln County.....	Dec. 1-31.....	1		
Madison County.....	Jan. 1-31.....	2		
Mecklenberg County— Charlotte.....	May 8-14.....	1		
Nash County.....	Jan. 1-31.....	1		
New Hanover County— Wilmington.....	Jan. 22-Mar. 1....	4		Imported.
Pasquotank County.....	Nov. 1-Jan. 31....	79		
Pitt County.....	Jan. 1-31.....	2		
Sampson County.....	Jan. 1-31.....	22		
Scotland County.....	Jan. 1-31.....	6		
Wayne County.....	Jan. 1-31.....	20		
Total for State.....		311		
<b>North Dakota:</b>				
Ward County.....	July 1-Feb. 19....	168		
Sherwood.....	Jan. 12-Mar. 31....	27		
Sherwood.....	Jan. 12-Mar. 31....	46		
Total for State.....		241		
<b>Ohio, general:</b>				
Ashtabula.....	June 14-Jan. 2....	337		
Cincinnati.....	Apr. 11-May 8....	11		
Cleveland.....	Dec. 12-May 14....	250	1	
Columbus.....	Feb. 28-Apr. 30....	6		
Columbus.....	Dec. 26-May 8....	17		Revised. 3 cases additional in Sept. and Oct.
Conneaut.....	Mar. 1-Apr. 29....	3		
Dayton.....	Jan. 24-Feb. 20....	5		
Newark.....	Jan. 3-23.....	3		Year 1908.
Tiffin.....	Jan. 3-23.....	2		
Total for State.....		634	1	
<b>Oregon:</b>				
Clackamas County.....	Sept. 1-30.....	1		
Harney County.....	Sept. 1-30.....	1		
Jackson County.....	Oct. 1-Dec. 31....	9		
Lane County.....	Dec. 1-31.....	10		
Linn County.....	Sept. 1-Oct. 31....	5		
Marion County.....	Sept. 1-Dec. 31....	4		
Multnomah County.....	Dec. 1-31.....	5		
Portland.....	Nov. 1-Feb. 28....	91		
Polk County.....	Sept. 1-Dec. 31....	9		
Tillamook County.....	Oct. 1-31.....	1		
Umatilla County.....	Sept. 1-Dec. 31....	6		
Wallowa County.....	Oct. 1-31.....	1		
Washington County.....	Oct. 1-Dec. 31....	23		
Yamhill County.....	Sept. 1-Dec. 31....	17		
Total for State.....		183		
<b>Pennsylvania:</b>				
Gracedale.....	Oct. 24.....	1		
Harrisburg.....	Dec. 18-Jan. 20....	3		
New Castle.....	Feb. 1-28.....	2		
New Kingstown.....	Dec. 29.....			Present.
Philadelphia.....	Dec. 10-25.....	1		
Pittsburg.....	Dec. 13-19.....	1		Imported.
Prompton.....	Jan. 2-Feb. 10....	3		
Total for State.....		11		
<b>South Carolina:</b>				
Winnsboro.....	Feb. 1-28.....	5		
Yorkville.....	Mar. 10-Apr. 26....	14	8	And vicinity.
Total for State.....		19	8	
<b>South Dakota:</b>				
Aberdeen.....	May 1-Jan. 31....	43		
Total for State.....		43		

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Tennessee:</b>				
Fayette County.....	Dec. 1-Mar. 28....	200		Including Greeneville.
Greene County.....	Jan. 2.....	103		
Knoxville.....	Dec. 28-May 1....	38		
Memphis.....	Jan. 1-Mar. 13....	190	1	
Murfreesboro.....	Mar. 15-31.....	1		
Nashville.....	Dec. 20-May 8....	46		
Polk County.....	Jan. 22.....	30		
Total for State.....		608	1	
<b>Texas:</b>				
Corpus Christi.....	Apr. 2.....			Present.
Cost.....	Oct. 1-Dec. 19....			Do.
Cotulla.....	Jan. 25-Feb. 17....			Do.
Denton County.....	Jan. 1-Feb. 8.....	9		Including Justin and Roanoke.
El Paso.....	Feb. 10-Mar. 16....	8	1	
Falfurrias.....	Dec. 26.....	12		Year 1908.
Fort Worth.....		256		
Do.....	Feb. 1-Mar. 31....	13		
Galveston.....	Mar. 6-Apr. 16....	8		
Goliad County.....	Dec. 1-Jan. 20....	25		
Hidalgo County.....	Jan. 30-May 1....	16		
Houston.....	Jan. 1-Mar. 27....	9		
Laredo.....	Dec. 26-Mar. 19....	6		
Monthalla.....	Oct. 1-Dec. 19....			Present.
Oak Forest.....	Oct. 1-Dec. 19....			Do.
San Antonio.....	Dec. 13-May 1....	94		Do.
San Augustine County.....	Jan. 5.....			
Total for State.....		456	1	
<b>Utah:</b>				
Beaver County.....	Feb. 1-28.....	2		
Carbon County.....	Feb. 1-28.....	1		
Cache County.....	Jan. 1-Mar. 31....	69		
Davis County.....	Nov. 1-Mar. 31....	38		
Emery County.....	Feb. 1-28.....	4		
Garfield County.....	Dec. 1-Mar. 31....	44		
Millard County.....	Jan. 1-Mar. 31....	9		
Salt Lake County.....	Dec. 1-Mar. 31....	170		
Salt Lake City.....	Dec. 1-Apr. 30....	371	1	
Sanpete County.....	Dec. 1-Mar. 31....	3		
Sevier County.....	Jan. 1-Mar. 31....	88		
Summit County.....	Dec. 1-Feb. 28....	32		
Utah County.....	Dec. 1-Mar. 31....	2		
Weber County.....	Nov. 1-Feb. 28....	18		
Total for State.....		851	1	
<b>Vermont:</b>				
Brattleboro.....	Dec. 5-Jan. 30....	59		And vicinity.
Newfane.....	Jan. 11.....	8		
West Windsor Township.....	Jan. 23.....	2		
White River Junction.....	Jan. 4-Feb. 9....	3		
Total for State.....		72		
<b>Virginia:</b>				
Caroline County.....	Mar. 9.....	1		Present in October, 1908.
Lithia.....	Mar. 1-Apr. 28....	100		And vicinity.
Lynchburg.....	Jan. 10-30.....	3		Imported.
Norfolk.....	Feb. 5-17.....	3		On tug E. W. Marts.
Port Royal.....	Dec. 28-Jan. 14....	3		
Portsmouth.....	Apr. 21-27.....	1		
Richmond.....	Mar. 14-May 1....	3	1	Death in county hospital.
Total for State.....		114	1	
<b>Washington:</b>				
Bellingham.....	Jan. 25-Mar. 23....	10		
Camas.....	Dec. 29-Mar. 8....	18		
Seattle.....	Oct. 1-Mar. 31....	22		
Spokane.....	Dec. 6-May 1....	31	1	
Tacoma.....	Dec. 14-Apr. 4....	69		
Total for State.....		150	1	
<b>West Virginia:</b>				
Charleston.....	Jan. 1-31.....	1		Present in January.
Moundsville.....				
St. Albans.....	Feb. 16-Apr. 12....	19		
Weston.....	Jan. 15-Feb. 13....	1		
Total for State.....		21		

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Wisconsin:</b>				
Adams County.....	July 1-Sept. 30....	3	.....	
Barron County.....	July 1-Sept. 30....	1	.....	
Chippewa County.....	July 1-Sept. 30....	6	.....	
Dane County.....	July 1-Sept. 30....	1	.....	
Dodge County.....	July 1-Sept. 30....	1	.....	
Douglas County.....	July 1-Sept. 30....	28	.....	
Superior.....	Apr. 25-May 1.....	3	.....	
Dunn County.....	July 1-Sept. 30....	1	.....	
Fond du Lac County.....	July 1-Sept. 30....	3	.....	
Green County.....	July 1-Sept. 30....	2	.....	
Iron County.....	July 1-Sept. 30....	2	.....	
Kewaunee County.....	July 1-Sept. 30....	1	.....	
La Crosse County—				
La Crosse.....	Dec. 13-May 8....	50	.....	
Manitowoc County—				
Manitowoc.....	Dec. 13-Feb. 27....	14	.....	
Marathon County.....	July 1-Sept. 30....	2	.....	
Milwaukee County—				
Milwaukee.....	Dec. 6-May 8....	194	.....	
Monroe County.....	July 1-Sept. 30....	12	.....	
Outagamie County—				
Appleton.....	Mar. 6-Apr. 17....	3	.....	
Ozaukee County.....	July 1-Sept. 30....	3	.....	
Pierce County.....	July 1-Sept. 30....	4	.....	
Polk County.....	July 1-Sept. 30....	1	.....	
Racine County—				
Racine.....	Mar. 21-Apr. 10....	6	.....	
Rusk County.....	July 1-Sept. 30....	3	.....	
Sheboygan County.....	July 1-Sept. 30....	32	.....	
Total for State.....		376	.....	
Grand total for the United States.....		9,960	42	

## Weekly morbidity and mortality table, cities of the United States.

[For smallpox see special table.]

Cities.	Week ended—	Popula- tion, United States census, 1900.	Total deaths from all causes.	Cases and deaths.											
				Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Allentown, Pa.....	Apr 17	35,416	23					6		1					1
Do.....	Apr. 24	35,416	17		3	3		7		5	1				
Do.....	May 1	35,416	23	1	4	2		7	2	4					
Do.....	May 8	35,416	18			3		7	1	3	2	2			
Altoona, Pa.....	do.	38,973	13					1							
Ashtabula, Ohio.....	Apr. 24	12,949	7			1									
Do.....	May 8	12,949	7												
Baltimore, Md.....	do.	508,957	209	14	27	4	2	7		12	1	154	7	10	1
Bayonne, N. J.....	do.	32,722			1					1		2			
Beaver Falls, Pa.....	do.	13,000										1			
Biddeford, Me.....	do.	16,145	5	2	2										
Binghamton, N. Y.....	do.	38,647	21												
Boston, Mass.....	do.	560,892	237	79	28	10	1	28	2	51	4	88	4	5	2
Braddock, Pa.....	do.	15,654	9			2	1	1		3					
Bradford, Pa.....	do.	15,029	2			1		1							
Bridgeport, Conn.....	May 1	70,996	33	6	9	1		4	1	7	2	13			
Do.....	May 8	70,996	29	2	5					5		11			
Brockton, Mass.....	do.	40,063	12	1		1		1		2		20		1	
Butler, Pa.....	May 5	10,853	6		2	1									
Butte, Mont.....	Apr. 27	30,470	8		1			5		5					
Do.....	May 4	30,470	10		2	3	2	7		3	1				2
Cambridge, Mass.....	May 8	91,886	30	9	8		1	17		4		19		8	
Camden, N. J.....	do.	75,935	32	1				11		7	1				
Camden, S. C.....	do.	2,441	3			1									
Carbondale, Pa.....	do.	13,536	3												
Charlotte, N. C.....	May 7	18,091	16					1				6	2		
Chelsea, Mass.....	May 8	34,072	6		2					2		1			



## Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Cases and deaths.											
				Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Chicago, Ill.	May 8	1,698,575	675	64	88	15	2	101	7	89	13	406	5	31	3
Chicopee, Mass.	do.	19,167	7	2	2	1	1	8	1	12	1	24	3	7	2
Cincinnati, Ohio.	May 7	325,902	137	20	25	2	1	11	1	12	1	115	2	26	2
Cleveland, Ohio.	do.	381,718	155	15	15	5	1	11	1	12	1	115	2	26	2
Clinton, Mass.	May 8	13,667	3	1	1	1	1	1	1	1	1	1	1	1	1
Columbus, Ga.	do.	17,614	8	1	1	1	1	1	1	1	1	1	1	1	1
Columbus, Ohio.	do.	125,510	30	17	7	1	1	1	1	2	1	32	1	1	1
Concord, N. H.	May 1	19,132	7	1	1	1	1	1	1	1	1	1	1	1	1
Council Bluffs, Iowa	Apr. 26	25,802	6	1	1	1	1	1	1	1	1	1	1	1	1
Do.	May 10	25,802	6	1	1	1	1	1	1	1	1	1	1	1	1
Covington, Ky.	May 8	42,938	21	6	6	1	1	1	1	5	1	1	1	1	1
Danville, Ill.	May 8	16,534	5	1	1	1	1	1	1	1	1	1	1	1	1
Dayton, Ohio.	May 8	85,333	40	7	7	1	1	1	1	1	1	36	1	1	1
Detroit, Mich.	do.	285,704	129	1	1	1	1	1	1	1	1	1	1	1	1
Duluth, Minn.	May 6	80,000	25	1	1	1	1	1	1	1	1	1	1	1	1
Dunkirk, N. Y.	May 8	11,616	4	2	2	1	1	1	1	1	1	1	1	1	1
Elmira, N. Y.	do.	35,672	15	1	1	1	1	1	1	1	1	1	1	1	1
El Paso, Tex.	May 11	15,905	28	1	1	1	1	1	1	1	1	1	1	1	1
Elkhart, Ind.	May 8	15,184	8	1	1	1	1	1	1	1	1	1	1	1	1
Erie, Pa.	Mar. 27	52,733	25	6	6	1	1	1	1	1	1	1	1	1	1
Do.	Apr. 30	52,733	15	1	1	1	1	1	1	1	1	1	1	1	1
Do.	May 8	52,733	28	2	2	1	1	1	1	1	1	1	1	1	1
Evansville, Ind.	do.	59,007	16	3	3	1	1	1	1	1	1	1	1	1	1
Everett, Mass.	do.	24,336	5	1	1	1	1	1	1	1	1	1	1	1	1
Fall River, Mass.	do.	104,813	31	12	12	5	1	4	1	2	1	1	1	1	1
Findlay, Ohio.	do.	17,613	4	1	1	1	1	1	1	1	1	1	1	1	1
Galesburg, Ill.	do.	18,707	9	1	1	1	1	1	1	1	1	1	1	1	1
Galveston, Tex.	May 7	37,789	14	1	1	3	1	2	1	1	1	1	1	1	1
Glens Falls, N. Y.	May 8	13,543	8	1	1	1	1	1	1	1	1	1	1	1	1
Gloucester, Mass.	May 1	26,121	6	1	1	1	1	1	1	1	1	1	1	1	1
Do.	May 8	26,121	1	1	1	1	1	1	1	1	1	1	1	1	1
Grand Rapids, Mich.	do.	87,565	28	2	2	1	1	1	1	1	1	1	1	1	1
Great Falls, Mont.	May 1	14,930	3	1	1	1	1	1	1	1	1	1	1	1	1
Greensboro, N. C.	May 8	10,035	9	1	1	1	1	1	1	1	1	1	1	1	1
Greenville, S. C.	May 1	11,860	3	1	1	1	1	1	1	1	1	1	1	1	1
Do.	May 8	11,860	4	1	1	1	1	1	1	1	1	1	1	1	1
Hammond, Ind.	do.	12,376	6	1	1	1	1	1	1	1	1	1	1	1	1
Harrison, N. J.	do.	10,596	3	1	1	1	1	1	1	1	1	1	1	1	1
Haverhill, Mass.	do.	37,175	15	3	3	1	1	1	1	1	1	1	1	1	1
Homestead, Pa.	May 7	12,554	10	1	1	1	1	1	1	1	1	1	1	1	1
Hyde Park, Mass.	May 8	13,244	3	1	1	1	1	1	1	1	1	1	1	1	1
Indianapolis, Ind.	May 9	169,164	70	3	3	1	1	1	1	1	1	1	1	1	1
Jacksonville, Fla.	May 8	28,429	21	5	5	1	1	1	1	1	1	1	1	1	1
Jersey City, N. J.	May 9	206,433	75	7	7	1	1	1	1	1	1	1	1	1	1
Johnstown, Pa.	May 8	35,936	9	1	1	1	1	1	1	1	1	1	1	1	1
Kansas City, Kans.	do.	51,418	16	1	1	1	1	1	1	1	1	1	1	1	1
Kansas City, Mo.	Apr. 24	163,752	72	7	7	1	1	1	1	1	1	1	1	1	1
Do.	May 1	163,752	55	7	7	1	1	1	1	1	1	1	1	1	1
Do.	May 8	163,752	59	2	2	1	1	1	1	1	1	1	1	1	1
Kearny, N. J.	do.	10,896	3	1	1	1	1	1	1	1	1	1	1	1	1
Kingston, N. Y.	do.	24,535	13	1	1	1	1	1	1	1	1	1	1	1	1
Knoxville, Tenn.	do.	32,637	17	2	2	1	1	1	1	1	1	1	1	1	1
La Crosse, Wis.	do.	28,895	7	1	1	1	1	1	1	1	1	1	1	1	1
La Fayette, Ind.	May 10	18,116	3	1	1	1	1	1	1	1	1	1	1	1	1
Lawrence, Mass.	May 8	62,559	20	6	6	1	1	1	1	1	1	1	1	1	1
Lebanon, Pa.	do.	17,628	6	1	1	1	1	1	1	1	1	1	1	1	1
Lexington, Ky.	do.	26,369	6	1	1	1	1	1	1	1	1	1	1	1	1
Little Falls, N. Y.	May 1	10,381	10	1	1	1	1	1	1	1	1	1	1	1	1
Do.	May 8	10,381	1	1	1	1	1	1	1	1	1	1	1	1	1
Los Angeles, Cal.	May 1	102,479	70	8	8	1	1	1	1	1	1	1	1	1	1
Lowell, Mass.	May 8	94,969	34	1	1	1	1	1	1	1	1	1	1	1	1
Lynchburg, Va.	do.	18,891	11	1	1	1	1	1	1	1	1	1	1	1	1
Lynn, Mass.	do.	68,513	28	7	7	1	1	1	1	1	1	1	1	1	1
Malden, Mass.	do.	33,664	11	1	1	1	1	1	1	1	1	1	1	1	1
Manchester, N. H.	do.	56,987	18	1	1	1	1	1	1	1	1	1	1	1	1
Mansfield, Ohio.	do.	17,650	4	1	1	1	1	1	1	1	1	1	1	1	1
Marquette, Wis.	do.	16,195	4	1	1	1	1	1	1	1	1	1	1	1	1
Marlboro, Mass.	May 1	13,609	4	1	1	1	1	1	1	1	1	1	1	1	1
Massillon, Ohio.	May 8	11,944	4	1	1	1	1	1	1	1	1	1	1	1	1
Medford, Mass.	do.	18,244	8	1	1	1	1	1	1	1	1	1	1	1	1

\* Reported out of date.



## Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Cases and deaths.											
				Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Melrose, Mass.	May 1	12,962	4	1				1							
Do.	May 8	12,962	2	2				2					3	1	6
Mobile, Ala.	May 1	38,469	21		5										
Do.	May 8	38,469	13		1		1								
Montclair, N. J.	do.	13,962	8					1					4		
Montgomery, Ala.	May 7	30,346	12		1								1		
Moline, Ill.	May 9	17,248	7		1			2							
Morristown, N. J.	May 8	13,000	3					1	1	1			42		
Mount Vernon, N. Y.	do.	21,228	9			1				1			6		
Muncie, Ind.	do.	20,942	8		1	1									
Nanticoke, Pa.	May 9	12,616	8					1		1	4	2	29	1	
Nashville, Tenn.	May 8	80,865	33	2	3		1	1		1	1				
Nebraska City, Nebr.	do.	7,200				1							7		
Newark, N. J.	do.	246,070	100		19	4		45	1	20	4			1	1
New Bedford, Mass.	do.	63,442	21	8	3	1		4	1	2	1		4		
Newburyport, Mass.	do.	14,478	4			2									
New London, Conn.	do.	17,548	8			5					3		1		
New Orleans, La.	do.	278,104	115	20	22	7		75	4	4	1				
Newport, Ky.	do.	28,301	12		3			1							
Newton, Mass.	do.	33,587	11	1	2			2		2			22		
New York, N. Y.	do.	3,437,202	1,560	559	183	58	4	371	29	339	35	1,297	36	86	5
Niagara Falls, N. Y.	do.	19,457	10	1		5	2	2					1		
Norristown, Pa.	do.	22,265	5	2	1			1					6		
North Adams, Mass.	do.	24,200	12		1										
Northampton, Mass.	do.	18,643	10							2			12		
Oakland, Cal.	May 3	66,960		1	3	1		3		4			2		
Orange, N. J.	May 8	24,141	15	3	3	1		10							
Palmer, Mass.	do.	7,801	1		1	1		7							
Peekskill, N. Y.	do.	10,358	2										5		
Philadelphia, Pa.	May 1	1,293,697	512	91	72	16	6	54	1	88	13	266	17	25	1
Do.	May 8	1,293,697	510	92	75	25	5	77	3	80	9	306	7	16	4
Pittsburg, Pa.	do.	321,616	134	79	10	21	2	13	1	13	1	19		39	
Pittsfield, Mass.	do.	21,766	6	2	3			1							
Plainfield, N. J.	do.	15,369	5	2		1							6		
Portsmouth, N. H.	do.	10,637											1		
Pottstown, Pa.	do.	13,696	4		1	3									
Providence, R. I.	do.	175,597	52	8	9	3		14	1	4		2			1
Racine, Wis.	do.	29,102	12					1							
Reading, Pa.	May 10	78,961	31		1	3		3	1	3	2	1		1	
Richmond, Va.	May 1	85,050	48	2	3	2		1							
Do.	May 8	85,050	49	2	4	6		1		2					
Rock Island, Ill.	do.	19,493	8		1		1								
Sacramento, Cal.	do.	29,282	9		2			1							
Saginaw, Mich.	May 1	42,345	23	2	2					1					
Do.	May 8	42,345	10			1	1								
St. Joseph, Mo.	Mar. 27	102,979	21		6			10		1			4		
Do.	Apr. 3	102,979	24		3			4							
Do.	Apr. 10	102,979	25		5					1			1		
Do.	Apr. 17	102,979	14	4	2	2	1	1	1		3		3		
Do.	Apr. 24	102,979	14		1		1	1	1				4		
Do.	May 1	102,979	19		2		2	1					6		
Do.	May 8	102,979	15					4		1		10			
St. Louis, Mo.	do.	575,238	210	34	29	4	2	22	2	31	5	520	5	3	
Salem, Mass.	do.	35,956	21	6	1	1		5						2	
San Francisco, Cal.	May 1	342,782	113	29	17	4		14		17	1	34	1	15	1
Schenectady, N. Y.	do.	31,682	12	4	1			4				10			
Do.	May 8	31,682	17	3	1			1	2	1		1			
Shamokin, Pa.	do.	18,202	7	1	1							1			
Somerville, Mass.	do.	61,643	18	7	1	3		10		6		16			
South Bend, Ind.	do.	35,999	15	3	1	1		6		2		1	1		
South Bethlehem, Pa.	do.	13,241	13					3				22		2	
Spokane, Wash.	May 1	38,848	31		1			51	5	3		60			
Springfield, Ill.	May 7	34,159	12												
Springfield, Mass.	May 8	62,059	34	5	5					1		9			
Springfield, Ohio.	do.	38,253	9	2	1					1					
Steelton, Pa.	do.	12,068	3		1					1					
Superior, Wis.	do.	31,091	3					4							
Tacoma, Wash.	May 2	37,714	22	1	3					2					
Taunton, Mass.	May 8	31,036	16	1	1			3						2	1
Titusville, Pa.	do.	8,244	1					1							
Trenton, N. J.	do.	73,307		11	5	2	1	2		2					

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Popula- tion, United States census, 1900.	Total deaths from all causes.	Cases and deaths.											
				Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Walla Walla, Wash.	May 8	10,049	2			1		3							
Waltham, Mass.	do.	23,481	4	1	1			1					17		
Warren, Pa.	Apr. 19	8,043	3		1								7		
Do.	Apr. 26	8,043	1					1					7		
Do.	May 3	8,043	4		1								4		
Do.	May 10	8,043	2		1								9		
Washington, D. C.	May 8	278,718	141	19	22	2	2	13		6		81	2	11	
Weymouth, Mass.	do.	11,324	1												
Wichita, Kans.	do.	24,671						1				71			
Wilkes Barre, Pa.	May 7	51,721	21	6	3		1	1		3		106		1	
Wilkesburg, Pa.	May 14	13,000	10	1	1			1							
Williamsport, Pa.	May 7	28,757	5			1		1							
Winona, Minn.	May 11	19,714	7												
Woburn, Mass.	May 8	14,254	5		1					1					
Worcester, Mass.	May 1	118,421	45	5	3			5		7		4		1	
Do.	May 8	118,421	40	8	1			11	1	1		3			
Yonkers, N. Y.	May 6	47,931	19	3	1			16	1	9					
Do.	May 13	47,931	18		1		1	16		5	2	8			
York, Pa.	May 8	33,708		8				3							
Zanesville, Ohio.	do.	23,538	6	1		13		1		4					

## FOREIGN AND INSULAR.

### ARABIA.

*Report from Maskat—Fatal plague case from steamship Agrica from the Persian Gulf.*

Vice and Deputy Consul Fazel reports, April 19:

One case of plague was landed here from the British India Steam Navigation Company's steamship *Agrica* arriving here from the Persian Gulf April 14. The patient died April 16.

### AUSTRALIA.

*Examination of rodents for plague infection in Queensland—Plague infection found in rats at Mackay.*

The following information is taken from plague bulletins received from the department of health of Queensland, under dates of March 20 and 27 and April 3 and 8:

*Brisbane.*—Week ended March 20. Rodents destroyed, 466; examined, 410; plague infected, 0. Week ended March 27. Rodents destroyed, 521; examined, 443; plague infected, 0. Week ended April 3. Rodents destroyed, 548; examined, 462; plague infected, 0. Week ended April 8. Rodents destroyed, 460; examined, 372; plague infected, 0.

Date of last plague-infected rat September 15, 1908.

*Mackay.*—Infected rats found: March 19, 8; March 23, 3.

*Report from New Castle, New South Wales—Plague case imported from Sydney.*

Consul Killmaster reports, April 16:

During the month of March, 1909, 1 case of bubonic plague was imported into the New Castle district from Sydney.

*Plague in Sydney—Plague rats.*

The following information is taken from the *Veröffentlichungen des Kaiserlichen Gesundheitsamtes*, April 28:

During the period from March 6 to 12, 4 plague cases occurred in Sydney, of which 1 ended fatally. Three of the cases occurred among the crew of a steamship which arrived March 6 from the New Hebrides. The fourth case was in a resident of the city. Plague rats were found in the residence of the latter case and also in the port.

## BARBADOS.

*Report from Bridgetown—Inspection and fumigation of vessels—Smallpox on steamship Parima from Georgetown, British Guiana—Pernicious malarial fever on steamship Ecclesia from Brazil—Status of yellow fever—Mosquito destruction.*

Acting Assistant Surgeon Urquhart reports, May 1:

Week ended May 1. Bills of health issued to 9 vessels having 32 passengers and 355 members of crews. Four vessels were fumigated.

One case of smallpox was taken off the steamship *Parima* from Georgetown, British Guiana, and placed in quarantine. The patient was a steward. All who could not show a good vaccination scar, with a recent history, were vaccinated by the port physician, with the exception of the captain, who refused to submit to vaccination. Notation to that effect was made upon bill of health and fumigation certificate. The living quarters of the ship were fumigated, and the bedding of the patient was burned, and his quarters were washed out with a solution of bichloride of mercury.

The steamship *Ecclesia* arrived here from Puerto Villa, on the Madeira River, Brazil, with 12 of the crew sick with malarial fever, pernicious form. Between Puerto Villa and Para, on the return voyage, 1 man died; and upon being removed to quarantine another died. The vessel was fumigated throughout, and hatches were recommended to be kept closed until just before arriving at Pensacola. The ship was in Madeira River water ballast, which was replaced with sea water upon leaving here; drinking water from condenser on board. The ship was compelled to lay to, so the captain reports, nearly a day, between here and Para, because all the crew were too sick to navigate the vessel. Twelve men were taken on here to replace those landed.

Four new cases of yellow fever were reported during the week. All of these cases occurred in the country, and all were among negroes. The warfare on the *Stegomyia calopus* is continued. The sanitary condition of this port is good.

## BELGIUM.

*Plague on steamship Rubens at Antwerp bacteriologically confirmed.*

The following is received from the Belgian legation, through the Department of State:

May 3. An English vessel, the *Rubens*, which left San Nicolas, Argentine Republic, in cargo of grain, March 6, was held at Doel by the sanitary service April 11 as suspect.

There were 3 members of the crew, one of whom had been attacked by, and two were still suffering from, a disease which clinical examination has shown to be a mild form of bubonic plague (ambulatory plague).

The patients and the entire crew, numbering 300 persons, were immediately taken, the former to the lazaretto and the others to the sanitary station of Liefkenshoeck. The latter have remained five

days under observation. After this detention they will be subjected to five days' further surveillance by the local administration. The patients will remain at the lazaretto until cured.

The crew have been inoculated with antiplague serum. The ship has been disinfected and deratized. Discharge of cargo will be done at the port of Antwerp by lighters.

One of the patients is recovering. The condition of the second is satisfactory.

May 12.—Bacteriological examination has confirmed the clinical diagnosis in the cases of plague taken from the steamship *Rubens*. One of the patients is cured. He will resume his service on board the *Rubens* at the time of its departure. The condition of the last case is very satisfactory. No other case has occurred. Measures of surveillance and observation have been rigorously observed. The unloading of the steamship is almost completed and the vessel will return to active sea service.

#### CHINA.

##### *Report from Amoy—Inspection of vessel—Examination of emigrants—Vaccination—Leprosy, plague, and smallpox.*

Passed Assistant Surgeon Foster reports, April 3:

Week ended April 3.

The British steamship *Taisang*, with 69 in the crew and 34 cabin and 212 steerage passengers for Manila, was granted a bill of health. All passengers were vaccinated and inspected prior to sailing. Two steerage passengers were rejected for trachoma and one was rejected for favus.

The following quarantinable diseases are present in Amoy: Plague, leprosy, and smallpox.

Plague is reported epidemic in Chang Chew, the first prefectural city 30 miles west of Amoy.

##### *Report from Shanghai—Inspection of vessels—Examination of emigrants—Plague rats—Rat-proofing of houses.*

Acting Assistant Surgeon Ransom reports, April 14:

Week ended April 10. Supplemental bills of health granted to 2 steamships with an aggregate personnel of 482. There were inspected 1 vessel, 45 members of crews, and 4 cabin and 16 steerage passengers. Fifty-four pieces of baggage were also inspected and 2 pieces disinfected. There were examined and passed for San Francisco, per steamship *Tenyo Maru*, 4 emigrants, and 1 intending emigrant was recommended to wait. Manifests were viséed for 1,370 pieces of freight, amounting to 188.13 tons.

There were examined last week 510 rats found dead in various parts of the settlement, 6 of which (4 from the eastern and 2 from the northern districts) were plague-infected. Rat traps in operation numbered 2,478, and there were caught and destroyed without examination 462 rats. Four hundred and seven native houses were temporarily rat-proofed.

## COSTA RICA.

*Reports from Limon, fruit port.*

Acting Assistant Surgeon Goodman reports:

Week ended April 30. Estimated population, 8,000. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Apr. 24	Abangarez.....	New Orleans.....	80	3	0
25	Esparta.....	Boston.....	44	1	0
26	Prinz Joachim.....	New York.....	138	187	0
26	Chickahominy.....	New Orleans.....	46	0	0
26	José.....	New York.....	32	1	6
27	Pacuare.....	do.....	52	2	0
27	Citta de Torino.....	Ponce.....	113	15	104
28	Parismina.....	New Orleans.....	93	3	51
29	Katie.....	Mobile.....	23	0	0
30	Manistee.....	New York.....	48	8	0

## CUBA.

*Reports from Cienfuegos—Inspection of vessels—Sanitary conditions.*

Acting Assistant Surgeon Suarez reports, May 2 and 10:

*Week ended May 1.*

Vessels inspected.....	9
Bills of health issued.....	9
Members of crews inspected.....	246
Passengers inspected (in transit).....	3
Passenger landed (not inspected).....	1

The sanitary condition of the city and port has been satisfactory. No quarantinable diseases have been reported.

*Week ended May 8.*

Vessels inspected.....	4
Bills of health issued.....	4

The sanitary condition of the city and port is satisfactory. No quarantinable diseases have been reported.

*Report from Habana—Inspection of vessels—Sanitary conditions.*

Passed Assistant Surgeon Amesse reports, May 10:

*Week ended May 8.*

Bills of health issued.....	16
Vessels inspected.....	12
Members of crews of outgoing vessels inspected.....	805
Passengers of outgoing vessels inspected.....	642

The sanitary status of Habana and vicinity remains unchanged.



*Report from Matanzas—Inspection and fumigation of vessels.*

Acting Assistant Surgeon Nuñez reports, May 10:

Week ended May 8. Bills of health issued to 3 vessels clearing for the United States. One of these, the British steamship *Yoruba*, bound from Veracruz to New Orleans, via Sagua la Grande and Matanzas, was fumigated under my direction and supervision when about to leave this port. The vessel left Veracruz in ballast and went to Sagua for orders, being fumigated by the Cuban service on leaving the former port.

New quarantinable diseases have been reported in this district during the week.

*Report from Santiago—Inspection of vessels.*

Acting Assistant Surgeon Wilson reports, May 4:

Week ended May 1. Bills of health issued to 5 vessels bound for the United States. No vessel was fumigated.

No quarantinable disease has been reported. (See Public Health Reports, May 7, p. 611.)

## ECUADOR.

*Reports from Guayaquil—Fumigation of vessels—Plague and yellow fever—Comparative statistics of mortality, January–March, 1908 and 1909—Plague at Babohoyo.*

Passed Assistant Surgeon Wightman reports, April 4, through Passed Assistant Surgeon Lloyd:

Week ended March 27. Two steamships fumigated.

Quarantinable diseases were reported in Guayaquil for the same week as follows: Yellow fever, 32 new cases, with 12 deaths; plague, 17 new cases, with 3 deaths.

The total mortality figures for Guayaquil for the first quarter of the present year denote a considerable reduction in mortality when compared with the figures for the same quarter of the year 1908:

*Deaths.*

Year.	January.	February.	March.
1908.....	310	376	604
1909.....	258	303	404
Difference.....	52	73	200

This gives a total difference of 325 deaths less, in a population estimated at 70,000 inhabitants.

No further cases of plague have been reported at the villages of Milagro, Tolte, and Nisag.

Two new cases of plague have recently been reported from the river town of Babohoyo.

Week ended April 3. One steamship fumigated.

Quarantinable diseases reported for Guayaquil for the same week: Plague, 17 new cases, with 9 deaths; yellow fever, 40 new cases, with 22 deaths. Total mortality from all causes for the week, 108.

## HAWAII.

*Report from Honolulu—Examination of rats for plague infection.*

Passed Assistant Surgeon Currie, in temporary charge, reports, May 3:

*Week ended May 1.*

## HONOLULU.

Total number of rats taken.....	563
Number of rats trapped.....	563
Number of rats found dead.....	0
Number of rats examined bacteriologically.....	459
Number of rats plague infected.....	0
Classification of rats trapped:	
<i>Mus alexandrinus</i> .....	60
<i>Mus musculus</i> .....	235
<i>Mus norvegicus</i> .....	118
<i>Mus rattus</i> .....	150
Average number of traps set daily.....	1,410
Number of poisons placed (barium carbonate).....	415

## HONDURAS.

*Report from Ceiba, fruit port.*

Acting Assistant Surgeon Jumel reports:

Week ended May 5. Present officially estimated population, 6,800. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Apr. 29	Bodo.....	17	0	0	0
May 1	Rosina.....	49	4	1	0
May 4	Habil.....	14	0	0	0

Temperature of all persons on above-named vessels taken at time of clearance.

*Report from Puerto Cortez, fruit port.*

Acting Assistant Surgeon Wailes reports:

Week ended May 4. Present officially estimated population, about 2,500. General sanitary condition of this port and the surrounding country, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
May 1	Fjell.....	16			
3	Harald.....	18			
4	Mercator.....	18	1		
5	Preston.....		1		



## INDIA.

*Report from Calcutta—Transactions of Service—Cholera, plague, and smallpox.*

Acting Assistant Surgeon Allan reports, April 15:

Week ended April 10. Bill of health issued to the steamship *Annie*, bonded for Charleston with a total crew of 30, and to the steamship *Manica* bound for Boston and New York, with a total crew of 39. The usual precautions were taken, holds fumigated, rat guards placed on wharf lines, and Lascars' effects disinfected.

Week ended April 3. At Calcutta, 129 deaths from cholera, 94 from plague, and 281 from smallpox.

## ITALY.

*Report from Naples—Inspection of vessels—Examination of emigrants—Smallpox in Naples—Case of varioloid among passengers for steamship Montevideo—Status of smallpox in Italy.*

Assistant Surgeon Wollenberg reports, April 26:

*Vessels inspected at Naples and Palermo week ended April 24.*

## NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Apr. 19	Hamburg.....	New York.....	910	120	1,250
20	Lazio.....	do.....	1,037	60	1,580
21	Fremona.....	Boston.....			
21	Pannonia.....	New York.....			
21	Regina d' Italia.....	do.....	970	70	1,340
22	Canopic.....	Boston.....	992	130	1,570
22	Indiana.....	New York.....	1,261	50	1,450
23	Montevideo.....	do.....	490	40	820
23	Liguria.....	do.....	1,046	120	820
	Total.....		6,706	620	8,830

## PALERMO.

Apr. 21	Lazio.....	New York.....	1,009	1,431	164
22	Regina d' Italia.....	do.....	613	735	150
	Total.....		1,682	2,166	314

*Rejections recommended.*

## NAPLES.

Date.	Name of ship.	Tra-choma.	Favus.	Suspect- ed tra- choma.	Suspect- ed favus.	Mea- sles.	Small- pox.	Other causes.	Total.
Apr. 19	Hamburg.....	38	3	21				9	71
20	Lazio.....	32	2	12				8	54
21	Fremona.....								
21	Pannonia.....								
21	Regina d' Italia.....	22	7	13		1		11	54
22	Canopic.....	31	2	16		1		10	60
22	Indiana.....	26	6	17				19	68
23	Montevideo.....	12	3	6			1	7	29
23	Liguria.....	47	1	14	1			13	76
	Total.....	208	24	99	1	2	1	77	412

## Rejections recommended—Continued.

## PALERMO.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Measles.	Small-pox.	Other pox.	Total.
Apr. 21	Liguria.....	23	.....	30	.....	.....	.....	5	58
22	Regina d' Italia...	20	.....	32	.....	.....	.....	6	58
	Total.....	43	.....	62	.....	.....	.....	11	116

*Smallpox in Naples.*—Week ended April 25: Thirteen cases of smallpox with 1 death reported at the health office of the city of Naples.

A case of varioloid was discovered among passengers for the steamship *Montevideo*, April 23. The patient was transferred to the Cotugno hospital for contagious diseases. The family and 9 other contacts were rejected and placed in observation. The boarding house in which they all had been lodged is temporarily closed for disinfection, etc.

*Status of smallpox in Italy.*—Week ended April 25. Cases: Binasco (Milan), 2; Verona, 1; Pardenone (Udine), 4; Campobello (Trapani), 1; La Maddalena (Sassari), 1.

## JAPAN.

*Report from Yokohama—Examination of emigrants.*

Passed Assistant Surgeon Cumming reports:

Number of emigrants per steamship *Korea* April 24, for San Francisco, recommended for rejection, 1.

Rejection was for trachoma.

*Reports from Kobe—Inspection of vessels—Examination and disinfection of emigrants—Plague—Plague on Island of Formosa, January 1 to April 12, 1909.*

Acting Assistant Surgeon Knight reports, April 15 and 21:

Week ended April 10. Supplemental bills of health granted to 7 steamships.

There were inspected 194 members of crews and 50 steerage passengers, and 27 members of crews and 25 steerage passengers were bathed and disinfected. Their effects were disinfected by steam. The number of pieces of baggage steamed was 127 and bedding 50. Manifests were viséed for 52,138 pieces of freight, amounting to 3,415 tons.

Emigrants were examined as follows: Steamship *Shinano Maru*, for Seattle. Passed, 23. Recommended for rejection, 12. The emigrants passed, together with 2 intending passengers to Victoria by the steamship *Shinano Maru*, were inspected, bathed, and disinfected, and their effects were disinfected before embarkation.

During the week 3 cases of human hair were disinfected with formalin.

The official returns of infectious diseases for the week show 1 case of plague in Kobe.

It is officially reported that between January 1 and April 12, 1909, 410 cases of plague, with 334 deaths, occurred on the Island of Formosa. The authorities are using every means to eradicate the disease, but it is still on the increase. Formosa is situated 800 miles southwest of Kobe.

During the week ended April 17, 2 supplemental bills of health were granted to 2 steamships and one original bill of health was granted to 1 steamship.

There were inspected 167 members of crews and 42 steerage passengers. Fifty-three members of crews and 32 steerage passengers were bathed and disinfected. Their effects were disinfected by steam. The number of pieces of baggage steamed was 190 and of bedding 64. Manifests were viséed for 34,741 pieces of freight, amounting to 2,368 tons.

Emigrants were examined as follows: Steamship *Tenyo Maru* for Honolulu, passed 22, recommended for rejection 15; steamship *Tenyo Maru* for San Francisco, passed 10, recommended for rejection 2.

The official returns of infectious diseases for the week show that there was reported in Kobe 1 case of plague, with no death from that disease.

*Report from Nagasaki—Examination of emigrants.*

Sanitary Inspector Bowie reports, April 10:

Week ended April 10. Five emigrants examined; passed 1 for Honolulu; recommended for rejection 4—3 for San Francisco and 1 for Manila. Rejections were for trachoma.

No quarantinable disease present.

MEXICO.

*Report from Coatzacoalcas—Inspection of vessels—Sanitary conditions.*

Acting Assistant Surgeon Thompson reports, May 6:

Week ended May 5. Five vessels inspected. No illness occurred on these vessels while in port and all on board were well at the time of inspection.

No cases of any quarantinable disease have been reported. The health of the port is satisfactory.

*Report from Mexico City—No yellow fever in Republic of Mexico—Preventive measures observed.*

Doctor Liceaga, president of the superior board of health of Mexico, states, under date of May 10, that no case of yellow fever had occurred in the Republic of Mexico during the week ended May 8, and that prophylactic measures, consisting principally in the isolation of suspects, the destruction of mosquitoes and larvæ, and local sanitation, are observed in the localities in which yellow-fever cases have occurred during the past nine months.

*Reports from Salina Cruz—Fumigation of vessel.*

Acting Assistant Surgeon Gochicoa reports, April 24 and May 2:

Week ended April 24. No transactions.

Week ended May 1. One vessel fumigated.

*Report from Tampico—Inspection and fumigation of vessels—Sanitary conditions.*

Acting Assistant Surgeon Stowe reports, May 6:

*Week ended May 5.*

Vessels inspected and passed.....	7
Bills of health issued.....	7
Members of crews inspected.....	223
Passengers inspected.....	18
Vessels fumigated prior to sailing.....	2

No cases of quarantinable diseases have occurred during this period.

Sanitary condition of port, good.

*Report from Veracruz—Dates of last cases of smallpox and yellow fever—Smallpox in vicinity decreasing—Compulsory vaccination.*

Acting Assistant Surgeon Carter reports, May 3:

Week ended May 2. No cases of yellow fever or smallpox have been reported during the week. The last case of yellow fever reported was February 11, and the last case of smallpox ended fatally April 17. The yellow fever work is being carried on. There are very few mosquitoes.

Smallpox in the towns in the vicinity of Veracruz is reported as decreasing. Vaccination is compulsory.

PERU.

*Report from Callao—Inspection and fumigation of vessel—Status of plague in Peru—Plague at Callao—Plague in Chilean ports.*

Acting Assistant Surgeon Gutierrez reports, April 21:

Week ended April 17. One steamship, with an aggregated personnel of 101 members in the crew and 81 cabin and 10 steerage passengers, was fumigated and dispatched.

The following is the latest report on plague in Peru received from the Director de Salubridad Pública:

Locality.	Cases Apr. 2.	New.	Re- covered.	Died.	Remain- ing Apr. 8.
Department of Lima.....	15	10	2	4	19
Department of Callao.....	3	4	0	3	4
Department of Libertad.....	31	9	11	3	26
Department of Lambayeque.....	15	1	9	2	5
Department of Arequipa.....	1	0	0	0	1
Department of Cajamarca.....	23	5	1	7	20

Since April 12, 5 cases of plague have occurred at Callao. Bills of health report plague in Chile as follows: Antofagasta, April 7: 10 cases isolated in two weeks. Iquique, April 8: 17 cases in lazaretto; 8 cases and 2 deaths in two weeks.

## PHILIPPINE ISLANDS.

*Reports from Manila—Smallpox—Status of cholera in the provinces—  
Inspection of vessels—Quarantine transactions, month of February,  
1909.*

Chief Quarantine Officer Heiser reports, April 6:  
Week ended April 3. Smallpox, 3 cases, 1 death.

*Cholera cases and deaths in the provinces as reported to the bureau of health during the  
week.*

Province.	Cases.	Deaths.
Bohol.....	21	10
Capiz.....	21	10
Cebu.....	6	
Sorsogon.....	3	3
Negros Occidental.....	126	59
Total.....	177	82

Consular bills of health issued:

April 3. The United States army transport *Dix*, with 140 crew, granted a bill of health for Seattle, after the usual inspection of personnel and cargo; the British steamship *Kumeric*, with 72 crew and 2 passengers, granted a bill of health for Tacoma; crew inspected at the hour of sailing; cargo inspected during loading; the British steamship *Taming*, with 70 crew, en route from Hongkong to Cebu, granted a supplemental bill of health; the British steamship *Satsuma*, with 56 crew, en route from New York to Iloilo, granted a supplemental bill of health.

Quarantine transactions of the service in the Philippine Islands during the month of February, 1909:

## MANILA.

Bills of health issued.....	284
Vessels inspected.....	77
Passengers on arriving vessels inspected.....	2,915
Persons vaccinated.....	24
Members of crews on arriving steamships inspected.....	5,508
On arriving sailing vessels inspected.....	108
Persons bathed and effects disinfected.....	455
Steamships partially disinfected.....	3
Steamships fumigated to exterminate vermin.....	7
Pieces of baggage disinfected.....	607
Pieces of baggage inspected and passed.....	104
Steamships sailing without quarantine inspected and passed.....	10
Sailing vessels sailing without quarantine inspected and passed.....	2
Steamship disinfected.....	1
Members of crews on vessels inspected.....	772
Passengers on vessels inspected.....	557
Members of crews bathed and effects disinfected.....	163
Passengers bathed and effects disinfected.....	329
Pieces of baggage disinfected.....	1,544
Pieces of baggage inspected and passed.....	978
Pieces of miscellaneous cargo certified.....	81,897

## ILOILO.

Bills of health issued.....	12
Vessels inspected.....	17
Passengers on arriving vessels inspected.....	493
Members of crews on arriving steamships inspected.....	892
Persons vaccinated.....	7
Sailing vessels fumigated to exterminate vermin.....	2

## CEBU.

Bills of health issued.....	8
Vessels inspected.....	373
Passengers on arriving vessels inspected.....	1,378
Members of crews on arriving steamships inspected.....	3,806
On arriving sailing vessels inspected.....	1,779
Persons detained in quarantine.....	97
Steamships fumigated to exterminate vermin.....	1

## CAVITE.

No transactions.

## OLONGAPO.

No transactions.

## DAVAO.

No transactions.

## ZAMBOANGA.

Vessels inspected.....	5
Passengers on arriving vessels inspected.....	158
Members of crews on arriving steamships inspected.....	332

## JOLO.

Vessels inspected.....	3
Passengers on arriving vessels inspected.....	31
Members of crews on arriving steamships inspected.....	145

## PORTO RICO.

*Report from Ponce—Transactions of service, month of April, 1909.*

Acting Assistant Surgeon Ferrer-Torres reports, May 1, through Chief Quarantine Officer Grubbs:

*Month of April, 1909.*

Vessels inspected.....	13
Disinfected.....	1
In quarantine.....	4
Passengers inspected:	
Incoming.....	158
In transit.....	656
Immigrants inspected.....	36
Rejections.....	0
Members of crews inspected.....	730
Bills of health issued.....	34
Passengers detained in quarantine.....	17

## RUSSIA.

*Report from Libau—Status of cholera in St. Petersburg—Examination of emigrants—Method of certification—Disinfection of baggage—Typhus fever and plague present.*

Acting Assistant Surgeon De Forrest reports, April 30:

In St. Petersburg from April 22 to 28, inclusive, there occurred 12 cases of cholera and 1 death.



Eight hundred and ninety-eight emigrants for steamship *Estonia*, sailing May 4, have been examined.

The steamship company states that they will, in May, begin the construction of barracks for their emigrants, consisting of 3 buildings and disinfecting station. I ascertain by personal observation that all passengers leaving in the company's vessels have been in Libau for 5 days and give each person or each family a blue or green card with names, ages, and date of first inspection. If they are in good condition, I stamp the card. They remain in special emigrant houses here for at least 5 days under daily observation of the city sanitary physician. When these emigrants come on board the ship, I inspect them again and hold all suspicious cases over until the sailing of the next steamship, and those who are passed have their quarantine card stamped with a date stamp.

All baggage (except hand baggage) is disinfected by formalin gas. By the end of May I expect to disinfect all hand baggage.

*Typhus fever*.—No new cases in Libau during the week ended April 30. There are 19 cases present.

*Plague*.—No new cases of plague in Libau. The one case previously reported is still present.

#### ST. LUCIA ISLAND.

##### *Reports from Castries—Sanitary conditions.*

Acting Assistant Surgeon Maylie reports, April 26 and May 3:

Weeks ended April 24 and May 1. Sanitary condition of port and vicinity good. No quarantinable diseases.

#### FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND CITIES—UNTABULATED.

**AFRICA**—*Transvaal—Johannesburg*.—Two weeks ended April 3, 1909. Estimated population, 180,687. Total number of deaths, 125, including enteric fever 10, scarlet fever 1, measles 2, whooping cough 1, diphtheria 1, and 10 from tuberculosis.

*Lourenço Marquez*.—Month of February, 1909. Estimated population, 10,000. Total number of deaths, 34, including 6 from tuberculosis.

**AUSTRALIA**—*Newcastle district*.—Annual report for the year 1908. Total number of deaths, 720, corresponding to an annual death rate of 11.29 per 1,000 of population, which is estimated at 63,760. The deaths from contagious diseases were: Enteric fever 8, diphtheria 7, and 45 from tuberculosis.

*The State of South Australia, including the city of Adelaide*.—Four weeks ended March 6, 1909. Estimated population: State, 394,692; city, 40,185. Total number of deaths, 303, including enteric fever 8, and 47 from tuberculosis. Cases: Enteric fever 56, scarlet fever 10, diphtheria 11, and tuberculosis 30.

*State of Victoria, including the city of Melbourne*.—Six weeks ended March 6, 1909. Estimated population of State, 1,237,998; city,

526,400. Total number of deaths not reported. Deaths from contagious diseases were: Enteric fever 36, scarlet fever 4, and 4 from diphtheria. Cases: Enteric fever 440, scarlet fever 351, diphtheria 191.

**BRAZIL**—*Ceara*.—Month of March, 1909. Estimated population, 50,000. Total number of deaths, 127, including enteric fever 10, whooping cough 2, and 14 from tuberculosis.

**CEYLON**—*Colombo*.—Five weeks ended March 20, 1909. Estimated population, 183,872. Total number of deaths, 590, including small-pox 7, enteric fever 31, measles 3, and 73 from tuberculosis.

**FRANCE**—*Cherbourg*.—Month of April, 1909. Estimated population, 43,948. Total number of deaths, 107, including enteric fever 16, diphtheria 1, and 21 from tuberculosis.

*Nice*.—Month of March, 1909. Estimated population, 150,881. Total number of deaths, not reported, including diphtheria 1, enteric fever 2, scarlet fever 1, and 39 from tuberculosis.

**GREAT BRITAIN**—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended April 24, 1909, correspond to an annual rate of 15.8 per 1,000 population, which is estimated at 16,445,281.

*London*.—One thousand three hundred and ninety-three deaths were registered during the week, including measles 72, scarlet fever 8, diphtheria 11, enteric fever 2, whooping cough 49, tuberculosis 109, and 7 from diarrhea. The deaths from all causes correspond to an annual rate of 15.0 per 1,000. In Greater London 2,005 deaths were registered. In the "outer ring" the deaths included 15 from measles, 6 from diphtheria, 3 from scarlet fever, and 9 from whooping cough.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended April 24, 1909, in the 21 principal town districts of Ireland was 23.9 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Drogheda, viz, 4.1, and the highest in Armagh, viz, 48.1 per 1,000.

*Scotland*.—The deaths registered in 8 principal towns during the week ended April 24, 1909, correspond to an annual rate of 17.4 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Paisley, viz, 21.0, and the lowest in Leith, viz, 14.0 per 1,000. The aggregate number of deaths registered from all causes was 620, including diphtheria 5, measles 6, scarlet fever 3, enteric fever 5, and 46 from whooping cough.

**JAPAN**—*Formosa*.—Two weeks ended April 10, 1909. Estimated population, 3,108,723. Total number of deaths, 105, including enteric fever 3, diphtheria 1, and 99 from plague.

**NEW ZEALAND**—*Auckland*.—Annual report for the year 1908. Total number of deaths, 772, corresponding to an annual death rate of 10.41 per 1,000 of population, which is estimated at 74,188. The



deaths from contagious diseases were: Enteric fever 21, scarlet fever 2, whooping cough 5, diphtheria 5, and 52 from tuberculosis.

*Wellington.*—Annual report for the year 1908. Total number of deaths, 658, corresponding to an annual death rate of 9.10 per 1,000 of population, which is estimated at 72,322. The deaths from contagious diseases were: Enteric fever 5, scarlet fever 16, measles 2, whooping cough 1, diphtheria 6, and 73 from tuberculosis.

*Christchurch.*—Annual report for the year 1908. Total number of deaths, 579, corresponding to an annual death rate of 9.52 per 1,000 of population, which is estimated at 60,820. The deaths from contagious diseases were: Enteric fever 2, whooping cough 1, diphtheria 2, and 66 from tuberculosis.

*Dunedin.*—Annual report for the year 1908. Total number of deaths, 634, corresponding to an annual death rate of 10.5 per 1,000 of population, which is estimated at 60,387. The deaths from contagious diseases were: Measles 5, scarlet fever 3, diphtheria 2, and 69 from tuberculosis.

*TASMANIA—Hobart.*—Month of March, 1909. Estimated population, 184,008. Total number of deaths, 182, including diphtheria 1, and 1 from enteric fever.

*WEST INDIES—Curaçao.*—Month ended April 30, 1909. Estimated population, 30,000. Total number of deaths, 17. Cause of deaths not reported.

*Cholera, yellow fever, plague, and smallpox, from December 26, 1908, to May 21, 1909.*

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State and from other sources.]

[For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

#### CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Nov. 15-Jan. 2....	16	13	
China:				
Hongkong.....	Dec. 28-Jan. 16....	2	2	
India:				
Bombay.....	Dec. 9-Apr. 20.....		245	
Calcutta.....	Nov. 1-Apr. 10.....		883	
Madras.....	Nov. 14-Apr. 9.....		61	
Negapatam.....	Oct. 31-Apr. 2.....		38	
Rangoon.....	Nov. 8-Apr. 10.....		81	
Indo-China:				
Cholon.....	Nov. 9-15.....	1	1	
Saigon.....	Mar. 1-6.....	2	2	
Persia:				
Tabriz.....	Oct. 9-Dec. 28.....	1,003	500	
Philippine Islands:				
Manila.....	Nov. 1-Jan. 2.....	84	56	Third quarter, 1908, 673 cases and 458 deaths.
Provinces.....				Third quarter, 1908, 17,619 cases and 11,115 deaths.
Antique.....	Nov. 1-Jan. 16....	260	163	
Bataan.....	Nov. 1-7.....	1	1	
Bohol.....	Dec. 20-Apr. 3.....	500	239	
Bulacan.....	Nov. 1-Feb. 27.....	82	71	

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Philippine Islands—Cont'd.</b>				
<b>Manila—Continued.</b>				
Cagayan	Nov. 1-Jan. 16	114	67	
Capiz	Nov. 1-Apr. 3	1,488	843	
Cavite	Nov. 1-Feb. 20	110	81	
Cebu	Dec. 20-Apr. 3	27	15	
Ilocos Norte	Nov. 1-Jan. 16	335	235	
Ilocos Sur	Nov. 1-Jan. 2	207	140	
Iloilo	Nov. 1-Mar. 6	294	154	
Isabela	Jan. 24-30	2	1	
Laguna	Nov. 1-Mar. 6	119	81	
Leyte	Nov. 1-Mar. 6	158	125	
Negros Occidental	Nov. 1-Apr. 3	439	263	
Nueva Ecija	Feb. 14-20	1	1	
Palawan	Nov. 1-Dec. 19	10	5	
Pampanga	Nov. 1-Mar. 20	99	73	
Rizal	Nov. 1-Feb. 20	246	216	
Samar	Nov. 1-Mar. 13	196	223	
Sorsogon	Jan. 10-Apr. 3	103	68	
Surigao	Nov. 15-Jan. 12	7	4	
Union	Nov. 1-Jan. 12	12	8	
Zambales	Dec. 6-12	3	3	
Russia, general	Nov. 15-Apr. 17	4,032	1,780	Dec. 1, 3 cases are reported present at Riga. From 1 to 4 cases are reported weekly from the following places: Schuscka, Dnjeprowsk (Simferopol), Bjlsk, Smeinigorsk, Barnoul, Pokrowsk, Jusowska, Etschmiadsin, and Dorpat.
Akmolinsk	Nov. 15-Jan. 23	34	13	
Bakoo	Nov. 22-28	3	2	
Batoom	Nov. 15-21	4	2	
Charkov	Dec. 6-Mar. 13	6	1	
Cronstadt	Nov. 15-Jan. 16	3	1	
Don, territory of	Nov. 15-Mar. 6	190	97	
Ekaterrinslav	Nov. 15-Dec. 26	27	11	
Erivan	Dec. 1-31	28	21	
Helsingfors	Jan. 10	2	1	In vicinity.
Jaroslav	Feb. 7-Mar. 20	63	28	
Kherson	Nov. 15-Dec. 19	2	1	
Kief	Nov. 15-Dec. 12	11	1	
Kooban	Nov. 15-Jan. 2	139	76	
Kostroma	Dec. 6-12	1	1	
Livonia	Nov. 15-21	2	1	
Moscow district	Dec. 6-Jan. 30	8	8	Including Brownitz.
Moscow	Jan. 17-23	1	1	Imported.
Odessa	Nov. 29-Dec. 12	2	2	
Olonets	Nov. 21-28	1	1	
Poltava	Nov. 29-Dec. 5	3	1	
Romanov-Borisoglebsk	Mar. 10	1	1	Present.
Rybinsk	Mar. 13	7	7	
Samara gov't dist.	Nov. 29-Dec. 5	7	7	
Samarcand	Dec. 6-12	10	7	In vicinity.
Saratov	Nov. 15-Dec. 12	11	6	Mar. 21, 1 case.
Semipalatinsk, territory of	Dec. 19-26	1	1	
Stavropol	Nov. 15-21	1	1	
St. Petersburg, government	Nov. 15-Mar. 19	35	1	
St. Petersburg	Nov. 29-Apr. 17	2,319	713	Apr. 28, still present.
Tambov	Nov. 15-Dec. 12	16	8	
Tavride	Nov. 15-Dec. 19	9	5	
Terek, territory of	Nov. 15-Dec. 19	99	62	
Tiflis	Nov. 15-21	9	4	
Tomsk	Nov. 15-Jan. 23	102	48	
Toula	Feb. 21-Mar. 6	7	2	
Tver district	Nov. 15-Dec. 5	4	1	
Voigoda	Dec. 6-12	1	1	
Yelisavetpol	Nov. 20-Dec. 5	5	10	
Siam:				
Bangkok	Nov. 1-Dec. 5	1	1	
Straits Settlements:				
Penang	Feb. 27	1	1	From s. s. Sunki Maru.
Singapore	Nov. 8-Feb. 27	1	165	

## YELLOW FEVER.

Barbados, general	Dec. 12-May 1	60	22	Including the parishes of St. Andrew, St. John, St. Joseph, St. Lucy, St. Michael, and St. Thomas.
Bridgetown	Dec. 12-Mar. 20	11	1	
Speightstown	Mar. 7	1	1	
Brazil:				
Bahia	Nov. 15-Mar. 27	157	60	
Mannos	Nov. 29-Apr. 3	1	16	
Para	Nov. 22-May 1	1	69	
Pernambuco	Nov. 15-Mar. 15	1	3	

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## YELLOW FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Colombia:				
Cartagena.....	Jan. 8-14.....	1	1	
Cuba:				
Oriente Province—				
San Luis.....	Jan. 1-2.....	2	1	These cases were removed Dec. 28 and 29, respectively, to Santiago, where 1 case died Dec. 31.
Curacao.....	Jan. 15.....	1		
Dutch Guiana:				
Paramaribo.....	Dec. 1-Jan. 27.....	32	8	
Ecuador:				
Guayaquil.....	Nov. 29-Apr. 24.....		125	
Martinique:				
Fort de France.....	Dec. 13-Mar. 6.....	5	1	
Mexico:				
Itzincal plantation.....	Dec. 6-12.....	2	2	
Maxcanu.....	Dec. 6-Jan. 23.....	5	4	Aug. 22-Dec. 18, 5 cases not previously reported.
Merida.....	Dec. 6-Apr. 13.....	16	8	
San Bernardo plantation.....	Dec. 27-May 1.....	8	4	
Sodzil plantation.....	Dec. 13-Jan. 2.....	7	5	
Ticul.....	Feb. 1-Apr. 13.....	4	2	
Veracruz.....	Dec. 6-Feb. 13.....	13	6	
Trinidad:				
Port of Spain.....	Jan. 29.....		1	

## PLAGUE.

Arabia:				
Mascot.....	Apr. 16.....	1	1	From ss. Agrica.
Azores:				
Fayal.....	Apr. 1.....	1		Sept. 22-Mar. 31, 10 cases additional.
Terceira.....	Mar. 31-Apr. 1.....	17	6	
Australia:				
Brisbane.....	Nov. 1-7.....	1	1	
Sydney.....	Mar. 6-12.....	4*	1	
Belgium:				
Antwerp.....	Apr. 11.....	3		In quarantine at Doeuil from ss. Rubens.
Brazil:				
Bahia.....	Nov. 15-Mar. 27.....	60	27	
Para.....	Jan. 24-Feb. 6.....		2	
Pernambuco.....	Nov. 1-Dec. 31.....		10	
Rio de Janeiro.....	Nov. 16-Mar. 28.....	75	36	
Chile:				
Antofagasta.....	Feb. 28-Apr. 17.....	42		Apr. 3, 11 cases in lazaretto. Present.
Arica.....	Mar. 9.....			
Iquique.....	Jan. 1-Apr. 8.....	59	21	Year 1908, 133-70: Apr. 8, 17 cases in the lazaretto.
Magillones.....	Mar. 9-10.....	70		
Taltal.....	Feb. 11.....			Present.
China:				
Amoy.....	Mar. 6.....	1		Present Apr. 3, and present at Wuchang in September.
Canton.....	Mar. 6-20.....	35	25	
Changchew.....	Apr. 3.....			Epidemic.
Chinchew.....	Mar. 7-Apr. 3.....			Present.
Fukien Province, Chang Poo	Mar. 7-13.....			Epidemic.
Hankau.....	Nov. 30-Dec. 5.....	1	1	On river boat Loongwo.
Hongkong.....	Nov. 8-Apr. 3.....	31	23	
Tanchow.....	Dec. 19.....			Vicinity of Hainan; present.
Tientsin.....	Oct. 18-Nov. 21.....			Feb. 16, again present.
Tongshan.....	Nov. 1-14.....			Present.
Ecuador:				
Babohoyo.....	Jan. 16-Mar. 27.....	5		
Guayaquil.....	Nov. 29-Apr. 24.....		100	
Milagro.....	Nov. 17-Jan. 18.....	18	8	
Nisag.....	Jan. 16.....	7		
Tolte.....	Dec. 25-Jan. 17.....	30	20	
Egypt:				
Alexandria.....	Nov. 14-Jan. 20.....	4		
Port Said.....	Dec. 4-Apr. 14.....	2	1	
Suakim.....	Feb. 1.....	1		On ss. Huriet II.
Provinces—				
Assiout.....	Dec. 2-Apr. 15.....	22	17	
Beherach.....	Nov. 24-Dec. 26.....	11	6	
Dakaklieh.....	Feb. 4-Mar. 20.....	6	6	
Galyoobeeyeh.....	Nov. 21-Feb. 2.....	3		
Garbieh.....	Nov. 27-Jan. 28.....	4	2	
Girgeh.....	Oct. 18-Mar. 14.....	8	8	

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt—Continued.				
Provinces—Continued.				
Fayoum.....	Nov. 23-Apr. 12...	3	2	
Menouf.....	Nov. 27-Jan. 17....	155	35	
Minieh.....	Nov. 25-Apr. 18....	16	8	
German East Africa:				
Dar-es-Salaam.....	Oct. 10-Jan. 7.....	7	5	
Great Britain:				
Elstree.....	Feb. 3-4.....	1	1	At plague laboratory.
India:				
Bombay Presidency and Sind.....	Nov. 2-Mar. 20....	19,451	13,886	
Madras Presidency.....	Nov. 2-Mar. 20....	1,101	789	
Bengal.....	Nov. 2-Mar. 20....	4,731	3,946	
United Provinces.....	Nov. 2-Mar. 20....	7,096	5,934	
Punjab.....	Nov. 2-Mar. 20....	13,279	10,673	
Burma.....	Nov. 2-Mar. 20....	4,783	4,580	
Central provinces, including Berar.....	Nov. 2-Mar. 20....	5,268	4,141	
Coorg.....	Nov. 2-Dec. 17....	5	3	
Mysore State.....	Nov. 2-Mar. 20....	2,823	2,026	
Hyderabad State.....	Nov. 2-Mar. 20....	616	509	
Central India.....	Nov. 2-Mar. 20....	750	582	
Rajputana.....	Nov. 2-Mar. 20....	2,757	2,513	
Kashmir.....	Mar. 14-20.....	5	2	
Grand total.....		62,665	49,534	
Indo-China:				
Cholon.....	Oct. 25-Dec. 19....	12	11	Including Chuquan.
Saigon.....	Oct. 25-Apr. 3....	26	22	
Japan:				
Amagasaki.....	Feb. 27.....			Present.
Awaji Island, Sumoto.....	Feb. 27.....			Do.
Formosa.....	Nov. 8-Apr. 10....	484	391	Mainly in the central and south central part.
Kagi, prefecture.....	Jan. 16.....	5		
Higo, prefecture.....	Feb. 6.....	1		Year 1908, 219 cases additional from ss. Shinkochi Maru.
Kagoshima, prefecture.....	Jan. 20-Apr. 21....	7	4	3 cases from ss. Ghazee. Feb. 27, again present. Apr. 3, 1 case in vicinity.
Kobe.....				
Mikagi.....	Feb. 27.....			Present.
Nara, prefecture.....				Year 1908, 2 cases additional.
Nishinomiya.....	Jan. 6.....	1		Year 1908, 53 cases. Feb. 28, still present.
Osaka.....	Dec. 22-Jan. 29....	3	1	Year 1908, 59 cases additional. Case Jan. 29, on ss. Shinkochi Maru.
Tokushima, prefecture.....		1		Year 1908.
Yura.....		116	83	Do.
Mauritius:				
Oct. 2-Jan. 31.....			115	
Peru:				
Arequipa, department.....	Feb. 19-Apr. 1....	6	4	
Mollendo.....	Nov. 1-Feb. 18....	1	5	
Cajamarca, department.....	Feb. 19-Apr. 8....	60	38	
Cascas.....	Feb. 12-18.....	12	5	
Chota.....	Jan. 22-Feb. 18....	8	8	
Callao, department.....	Feb. 19-Apr. 8....	11	6	
Callao.....	Nov. 13-Feb. 18....	18	11	Apr. 21, present.
Lambayeque, department.....	Feb. 19-Apr. 8....	40	17	
Chiclayo.....	Nov. 13-Feb. 18....	44	23	
Eten.....	Nov. 13-Dec. 31....	11	10	
Jayanca.....	Feb. 4.....	12		
Lambayeque.....	Feb. 18-Mar. 4....	6	5	
Motupe.....	Dec. 17-Jan. 14....	2		
San Jose.....	Nov. 13-Dec. 3....	2		
Zaña.....	Jan. 14-Feb. 18....	4	2	
Libertad, department.....	Feb. 19-Apr. 8....	56	19	
Casma.....	Feb. 4.....	1	1	
Chepen.....	Nov. 27-Feb. 18....	19	6	
San Pedro.....	Nov. 13-Feb. 18....	28	21	
Trujillo.....	Nov. 13-18.....	153	70	
Lima, department.....	Feb. 19-Apr. 8....	25	7	
Chorrillos.....	Jan. 22-Feb. 4....	2	2	
Lima.....	Nov. 13-Feb. 13....	50	19	
Huarochoiri, Matucana, Surco.....	Feb. 4.....	15		
Piura, department.....	Feb. 19-Mar. 4....	2	1	
Catacaos.....	Dec. 11-Feb. 18....	7		
Paíta.....	Dec. 11-17.....	3	2	
Piura.....	Dec. 11-Jan. 14....	6	4	

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia:				
Libau.....	Mar. 30-Apr. 5....	1	.....	
Siam:				
Bangkok.....	Sept. 27-Feb. 28....	13	7	
Straits Settlements:				
Singapore.....	Nov. 30-Mar. 20....	3	3	
Turkey in Asia:				
Bagdad.....	Nov. 6-Feb. 5....	14	7	
Beirut.....	Dec. 17-Jan. 9....	5	5	
Jiddah.....	Dec. 12-Apr. 25....	178	160	
Zanzibar.....	Nov. 10.....	1	1	

## SMALLPOX.

Algeria:				
Algiers.....	Dec. 1-Mar. 31....	.....	95	
Bona.....	Jan. 1-Mar. 31....	57	34	
Arabia:				
Aden.....	Nov. 25-Feb. 22....	.....	74	
Argentina:				
Buenos Aires.....	Oct. 1-Dec. 31....	.....	2	
Australia:				
New South Wales—				
Newcastle.....	Nov. 1-Mar. 31....	2	.....	
Austria:				
Bohemia.....	Jan. 31-Feb. 13....	8	.....	
Galicia.....	Dec. 20-Apr. 10....	10	.....	
Silesia.....	Jan. 3-Apr. 10....	5	.....	
Trieste.....	Mar. 21-27.....	1	.....	
Barbados:				
Bridgetown.....	May 1.....	1	.....	From ss. Parima.
Brazil:				
Bahia.....	Nov. 15-Mar. 27....	327	29	
Para.....	Feb. 14-Mar. 27....	3	2	
Pernambuco.....	Nov. 1-Mar. 15....	.....	118	
Rio de Janeiro.....	Nov. 16-Mar. 28....	1,373	672	
Santos.....	Nov. 1-Dec. 20....	.....	10	
São Paulo.....	Nov. 1-Mar. 14....	.....	59	
British Honduras:				
Stann Creek.....	Feb. 5-Mar. 10....	6	1	32 miles south of Belize.
British South Africa:				
Cape Town.....	Dec. 28-Mar. 13....	5	.....	
Durban.....	Mar. 20-27.....	1	.....	
Canada:				
British Columbia—				
Vancouver.....	Dec. 1-Mar. 31....	7	.....	
Victoria.....	Dec. 12-Feb. 28....	28	4	
Manitoba—				
Winnipeg.....	Dec. 20-Jan. 20....	6	.....	
Ontario, Province, general..	Dec. 1-31.....	118	.....	
Hamilton.....	Jan. 17-23.....	1	.....	
Toronto.....	Nov. 8-Mar. 6....	21	.....	
Nova Scotia—				
Halifax.....	Dec. 13-May 8....	79	.....	
Tusketwedge.....	Feb. 13.....	1	.....	
Yarmouth.....	Dec. 1-May 8....	30	.....	Revised.
Quebec—				
Montreal.....	Dec. 26-Jan. 2....	1	.....	
Ceylon:				
Colombo.....	Nov. 1-Mar. 27....	194	43	Reports Dec. 19-Jan. 26 received out of date.
Chile:				
Concepcion.....	Jan. 15-31.....	1	.....	
Talcahuana.....	Nov. 20-Jan. 28....	.....	.....	Present in vicinity.
Valparaiso.....	Dec. 6-19.....	2	.....	
China:				
Amoy.....	Oct. 11-Nov. 8....	.....	2	Apr. 3, still present.
Canton.....	Mar. 6-27.....	65	.....	
Hankau.....	Mar. 20.....	.....	.....	Present.
Hongkong.....	Jan. 3-Apr. 3....	18	6	
Shanghai.....	Nov. 11-Apr. 4....	6	6	3 cases Nov. 11-Dec. 28 from U. S. transport Seward.
Tientsin.....	Jan. 17-Feb. 27....	10	2	
Cuba:				
Cienfuegos.....	Mar. 6.....	1	.....	
Havana.....	Dec. 26-Apr. 3....	5	.....	Case Dec. 26 on s. s. Florida, case Jan. 19 on s. s. Alfonso XIII, case Mar. 25 on s. s. Monterey, case Apr. 3 on s. s. La Navarre.

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Guamote.....	Jan. 16.....			Present.
Manglar Alto.....	Jan. 17.....			Epidemic.
Egypt, general.....	Nov. 12-Feb. 25.....	737	164	
Alexandria.....	Nov. 26-Feb. 28.....	42	26	
Cairo.....	Nov. 19-Apr. 8.....	478	116	
Suez.....	Feb. 19-Mar. 6.....	27	2	
France:				
Marseille.....	Dec. 1-Jan. 31.....		2	
Nantes.....	Mar. 15-21.....	1		
Nice.....	Jan. 1-Feb. 23.....	2		
Paris.....	Nov. 22-Apr. 24.....	59	3	
Toulon.....	Jan. 1-31.....	1		
Germany, general.....	Nov. 19-May 1.....	82		
Bremen.....	Jan. 16-23.....	2		
Breslau.....	Dec. 20-26.....	1		
Brunswick.....	Feb. 16-20.....	1		
Hamburg.....	Mar. 13.....	2		
Königsberg.....	Jan. 9.....	1		Among Russian emigrants.
Gibraltar.....	May 2.....	1		
Greece:				
Athens.....	Nov. 22-Mar. 6.....		5	
Patras.....	Dec. 16-31.....	1	1	
Great Britain:				
Bristol.....	Dec. 13-Apr. 10.....	30	7	
Cardiff.....	Apr. 3-10.....	1		
Dunbar.....	Mar. 21-27.....	1		From a vessel.
London.....	Feb. 1-6.....	1		
Guatemala:				
Guatemala City.....	Dec. 21.....	600	200	Estimated, 2,800 cases; 840 deaths. Feb. 11, still present.
India:				
Bombay.....	Nov. 25-Apr. 20.....		255	
Calcutta.....	Nov. 1-Apr. 10.....		3,096	
Madras.....	Nov. 28-Apr. 16.....		26	
Rangoon.....	Nov. 22-Apr. 10.....		84	
Indo-China:				
Cholon.....	Nov. 15-Dec. 5.....	6	5	
Saigon.....	Nov. 1-Apr. 3.....	42	26	
Italy, general.....	Nov. 30-Apr. 25.....	341		
Catania.....	Feb. 28-Apr. 17.....	8		
Cinquefrondi.....	Jan. 15-21.....	13		
Florence.....	Nov. 24-Mar. 10.....	4		
Genoa.....	Dec. 1-Apr. 30.....	11		
Naples.....	Dec. 7-Apr. 25.....	384	60	Jan. 18, 1 case on s. s. Europa. Case Apr. 23 on s. s. Montevideo.
Palermo.....	Jan. 24-Mar. 6.....	11	2	
Polesella.....	Dec. 1.....			Epidemic.
Tatrinoli.....	Jan. 15-21.....	2		
Japan:				
Formosa.....	Nov. 29-Mar. 13.....	19		
Kobe.....	Feb. 14-Mar. 6.....	5	2	3 cases in March from s. s. Ghazee from Singapore.
Tokyo.....	May 8-Dec. 31.....	314		
Java:				
Batavia.....	Nov. 1-Apr. 3.....	73	7	
Malta.....	Nov. 22-Feb. 20.....	4	1	1 case Nov. 22 on vessel.
Manchuria:				
Dalny.....	Jan. 17-Apr. 10.....	7	2	
Mexico:				
Acapulco.....	Jan. 11-Feb. 14.....	15		
Acajucan.....	Mar. 17.....			Present.
Chihuahua.....	Apr. 19-May 2.....	4		
Guadalupe.....	Jan. 7-May 6.....		17	
Mexico City.....	Nov. 8-Mar. 27.....		220	
Monterey.....	Jan. 4-May 2.....		57	
Rosita.....	Mar. 29.....	3		
Sabinas.....	Mar. 31.....	10		
Salina Cruz.....	Jan. 1-15.....	5		
Tampico.....	Apr. 28.....			Present at localities between Tampico and Tusan.
Tehuantepec.....	Jan. 28-Feb. 3.....			Present.
Vera Cruz.....	Dec. 13-Apr. 17.....	8	5	Apr. 20, still present.
Yucatan, Camp Mengel.....	Dec. 21.....	1		
Moluccas Islands.....	Dec. 12.....			De.
Netherlands, The:				
Rotterdam.....	Jan. 10-Mar. 27.....	1	1	
Newfoundland.....	Feb. 9-Mar. 20.....	2		Epidemic on south coast.
St. Johns.....	Jan. 10-Apr. 3.....	11		Case Jan. 10 from s. s. Portia.



*Cholera, yellow fever, plague, smallpox, etc.*—Continued.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Norway:				
Bergen.....	Jan. 24-30.....		2	
Christiania.....	Nov. 22-28.....	1	1	
Paraguay:				
Asuncion.....	Dec. 20-26.....			Present.
Persia:				
Arabistan.....	Jan. 1-28.....			Do.
Dizfoul.....	Jan. 1-28.....			Do.
Hamadan.....	Oct. 2-Dec. 24.....	350	100	Estimated.
Kerman.....	Nov. 11.....			Present.
Kermanshah.....	Mar. 1-31.....	22		Present in October.
Mash-Had.....	Apr. 5.....			Present.
Mechedisser.....	Jan. 1-28.....			Do.
Mohammerah.....	Jan. 1-28.....			Do.
Sultanabad.....	Oct. 1-31.....			Do.
Tabriz.....	Oct. 2-Apr. 5.....			Do.
Teheran.....	Sept. 18-Oct. 28.....		17	
Trebizond.....	Jan. 16.....			Do.
Peru:				
Lima.....	Nov. 22-Dec. 31.....	11		Mar. 27, 1 case in the lazaretto.
Salaverry.....	Nov. 19-25.....		1	
Philippine Islands:				
Manila.....	Nov. 1-Apr. 3.....	54	19	Feb. 26, 1 case on s. s. Indrapura. Third quarter, 1908, 84 cases, 38 deaths.
Porto Rico:				
Mayaguez.....	Dec. 20-Jan. 2.....	2		
Portugal:				
Lisbon.....	Nov. 30-Apr. 24.....	58		One case, Jan. 27, from s. s. Aragon.
Russia:				
Batoom.....	Dec. 1-Feb. 28.....	2		
Moscow.....	Nov. 20-Apr. 24.....	457	169	
Odesa.....	Oct. 4-Apr. 24.....	89	14	
Reval.....	Jan. 1-31.....	1		
Riga.....	Nov. 29-Apr. 24.....	22		
St. Petersburg.....	Nov. 15-Apr. 10.....	196	54	
Warsaw.....	Nov. 1-Mar. 6.....		71	
Salvador:				
San Salvador.....	Feb. 6.....	3		
Santa Ana.....	Feb. 6.....	40		Present on routes to Guatemala.
Servia:				
Belgrade.....	Dec. 6-12.....	2		
Siam:				
Bangkok.....	Feb. 1-Mar. 31.....	141	90	Present in November.
Siberia:				
Vladivostok.....	Dec. 14-Feb. 14.....	2		
Southeast Africa:				
Lourenço Marquez.....	Jan. 1-31.....	1	1	
Spain:				
Almeria.....	Jan. 1-Mar. 31.....		4	Apr. 1-Dec. 31, 1908, 9 cases.
Barcelona.....	Dec. 6-May 3.....		70	
Cartagena.....	July 1-31.....		15	
Huelva.....	Mar. 1-31.....		2	
Madrid.....	Nov. 1-Mar. 31.....		88	
Valencia.....	Nov. 29-May 1.....	108	9	
Vigo.....	Nov. 30-Mar. 27.....		12	
Straits Settlements:				
Penang.....	Mar. 1-27.....	2	2	Case Mar. 1 from s. s. Pentakota; case Mar. 27 from s. s. Hong Sin.
Singapore.....	Dec. 28-Apr. 3.....		11	
Switzerland:				
Zug, Canton.....	Apr. 11-17.....	1		
Zurich.....	Feb. 21-27.....	3		
Tripoli:				
Tripoli.....	Feb. 13-Apr. 24.....	181	31	
Turkey in Asia:				
Adalia.....	Sept. 24-27.....		2	
Bagdad.....	Feb. 13-Apr. 3.....			Present.
Bassorah.....	Jan. 3-Apr. 17.....			Do.
Smyrna.....	Oct. 7-Mar. 25.....		73	
Turkey in Europe:				
Constantinople.....	Dec. 7-Apr. 25.....		69	
Trebizond.....	Feb. 7-May 2.....			Do.
Uruguay:				
Montevideo.....	Dec. 1-Feb. 28.....		13	

*Weekly mortality table, foreign and insular cities.*

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aberdeen.....	Apr. 24	181,918	49	1										
Aden.....	Apr. 12	43,974	19	4								1	1	2
Agua Calientes.....	May 2	40,000	65	1										
Aix la Chapelle.....	Apr. 10	159,695	53	6					4				2	3
Antwerp.....	Apr. 17	323,921	64	6								1	3	
Asuncion.....	Mar. 20	75,000	19	1								3	1	
Do.....	Mar. 27	75,000	22	2						2				
Athens.....	Apr. 24	241,058	49	20										
Baracoa.....	Apr. 17	27,000	4									2	3	
Barcelona.....	Apr. 26	600,000	380	19				5		3	1	4	3	
Barmen.....	Apr. 17	161,400	41	5										
Barranquilla.....	do.....	40,000	13	1										
Basel.....	do.....	131,000	53	9							2			
Belfast.....	Apr. 24	386,576	172	23										7
Belize.....	Apr. 29	9,113	4	1										
Bergen.....	Apr. 17	87,749	24	3						1		1		
Berlin.....	Apr. 10	2,101,412	644	96						1	12	11	10	4
Birmingham.....	Apr. 24	558,336	181	1						1	1	2	17	6
Blieufelds.....	Apr. 17	2,500	3	1										
Do.....	Apr. 24	2,500	5	2										
Bombay.....	Apr. 13	977,822	1,089	62	370	97		15		2			6	1
Bordeaux.....	Apr. 24	253,000	93	10						2			4	
Bradford.....	Apr. 3	293,983	92	6										
Do.....	Apr. 10	293,983	93	8						1	1	1		2
Do.....	Apr. 17	293,983	98	8						1	2	1		
Do.....	Apr. 24	293,983	101	8								2		1
Bremen.....	do.....	234,719	77	16						2				
Bristol.....	do.....	377,642	94	5								1	5	2
Brussels.....	do.....	704,975	181	15								1		
Cairo.....	Apr. 1	701,806	454	33				2	7	1		4	15	
Do.....	Apr. 8	701,806	505	33				8	7	1		1	22	
Calcutta.....	Apr. 3	847,796	895	23	94	129		281						
Cardiff.....	Apr. 17	195,303	50	1						1				3
Do.....	Apr. 24	195,303	58	7										
Canton.....	Mar. 27	1,000,000	200	25						4				
Cartagena.....	Apr. 18	30,000	12											
Ceiba.....	May 1	6,500	3											
Chemnitz.....	Apr. 17	272,442	77	5								3		
Chihuahua.....	Apr. 25	37,000	27	4										
Do.....	May 2	37,000	17	4										1
Cienfuegos.....	Apr. 24	37,000	19											
Do.....	May 1	37,000	15											
Coburg.....	Apr. 17	23,323	6	1										
Cologne.....	do.....	469,299	148	19										
Cognac.....	Apr. 24	19,483	5								9	3	1	1
Colombo.....	Mar. 27	183,872	86	15				1						
Colon.....	Apr. 25	16,000	10	1					2					
Constantinople.....	Apr. 18	1,000,000	287	40									2	
Copenhagen.....	Apr. 10	447,000	136	25					5		1	2	3	2
Dalny.....	do.....	36,885	36	1				1						1
Damascus.....	do.....	250,000	49											
Do.....	Apr. 17	250,000	48	1										
Denia.....	do.....	12,431	1	1										
Do.....	Apr. 24	12,431	1											
Dresden.....	Apr. 17	544,700	158	21										
Dublin.....	Apr. 24	394,525	194	29						1	1	4	3	1
Dundee.....	Apr. 17	109,409	61									3		6
Do.....	Apr. 24	109,409	57											3
Durban.....	Apr. 3	60,244	14											
Edinburgh.....	Apr. 24	355,366	126	14						1				
Erfurt.....	Apr. 17	107,189	41	2							1		4	9
Flushing.....	Apr. 24	21,208	5											
Do.....	May 1	21,208	6											
Frankfort on the Main.....	Apr. 17	363,200	97								1	1		
Frontera.....	do.....	9,000	10	1										
Do.....	Apr. 25	9,900	6											
Do.....	May 1	9,600	3											
Geneva.....	Apr. 17	118,500	41											
Ghent.....	do.....	164,579	57	4										
Gibraltar.....	Apr. 25	26,830	4											
Glasgow.....	Apr. 30	872,021	290							4	2	3		22
Gothenburg.....	Apr. 24	162,400	35	5										
Greenock.....	do.....	72,300	24											3

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Guayaquil.....	Apr. 10	75,000	76	8	4		8							2
Halifax.....	May 1	40,787	32	3										
Hamburg.....	Apr. 24	872,252	313	44							6	4	2	2
Hamilton, Bermuda.....	May 3	20,206	5											
Havre.....	Apr. 17	132,430	77	16						1				1
Hilo.....	Apr. 10	3,500	4							2				
Do.....	Apr. 17	3,500	7	1						1		1		
Hongkong.....	Mar. 27	315,616	4			4								
Do.....	Apr. 3	315,616	6			5						1		
Hull.....	Apr. 24	275,552	89								1	1	2	
Kobe.....	Apr. 10	380,717	131									1		
Konigsberg.....	Apr. 17	239,100	91	6							1			
Lausanne.....	do.	60,000	27											
Leeds.....	Apr. 24	484,012	145	12						1		1	2	3
Leipzig.....	Apr. 17	537,686	166	22						1	2	2		1
Leith.....	Apr. 24	85,721	23	1						1				
Liege <sup>a</sup> .....	Apr. 17	176,334	109	12						2		1		
Liverpool.....	Apr. 24	760,357	295	24							4	1	24	5
Lisbon.....	Apr. 3	406,869	160	22			1							3
London.....	Apr. 24	4,833,938	1,393	109						2	8	11	72	49
Lubeck.....	do.	97,000	38	2					1			1		
Lyon.....	Apr. 17	472,114	191	44								2		1
Magdeburg.....	do.	249,787	76	6								1		
Manaos.....	Apr. 10	54,000	30											
Manchester.....	Apr. 24	631,533	247	25						1	4	1	14	4
Mannheim.....	Apr. 11	182,811	55	5									2	1
Matamoros.....	May 2	8,000	4	1										
Mazatlan.....	Apr. 24	22,000	20											
Milan.....	Apr. 11	900,000	246	34						1	5	2	4	
Do.....	Apr. 18	900,000	249	41						3	2		6	
Moncton, N. B.....	May 8	13,000	2											
Nonrovia.....	Mar. 5	7,000	2											
Do.....	Mar. 12	7,000	6											
Do.....	Mar. 19	7,000	4											
Do.....	Mar. 26	7,000	2											
Do.....	Apr. 2	7,000	3											
Do.....	Apr. 9	7,000	4											
Monterey.....	May 2	100,000	79	4			16		2					
Montreal.....	May 1	378,856	132	22								1	4	5
Moscow.....	Apr. 17	1,335,104	862	111								10	31	5
Munich.....	do.	566,000	240	46			13	12	3	27		4	6	3
Do.....	Apr. 24	566,000	212	36								2	7	2
Nagasaki.....	Apr. 11	175,936	35											
Newcastle-on-Tyne.....	Apr. 24	281,584	96											
Newchwang.....	Apr. 3	60,000	13										6	1
Do.....	Apr. 10	60,000	13											
Nottingham.....	Apr. 17	260,000	102										11	
Nuevo Laredo.....	May 1	8,000	4	1										
Nuremberg.....	Apr. 3	316,180	87	16								1		
Odessa.....	Apr. 10	520,000	215	30							6	1	1	3
Do.....	Apr. 17	520,000	169	25					2	1	2	4		1
Ottawa.....	Apr. 24	80,200	24											
Do.....	May 1	80,200	18											
Para.....	Apr. 17	185,000	105	7			6							
Plymouth.....	Apr. 24	124,180	52							1			7	
Prague.....	Apr. 10	229,371	150	30							5	1	2	
Do.....	Apr. 17	229,371	147	37						1	2	1		1
Queenstown.....	Apr. 24	7,684	3											
Rangoon.....	Apr. 3	252,155	214	5	29	8	14							
Rome.....	Feb. 6	559,715	306	17						1	1	4	6	
Rotterdam.....	Apr. 24	413,337	141											
Do.....	May 1	413,337	94											
St. John, N. B.....	May 8	40,711	12	4								1		
St. Petersburg.....	Apr. 3	1,678,000	829	144		2		8	2	7	25	14	29	7
Do.....	Apr. 10	1,678,000	829	131		1		3	1	11	20	12	26	11
San Felin de Guixols.....	Apr. 24	11,094	4	1										
Santa Cruz de Tenerife.....	Apr. 17	46,000	14	2									1	
Do.....	Apr. 24	46,000	10	1									1	
Santiago de Cuba.....	May 1	45,497	15	4										
Singapore.....	Mar. 27	260,000	187	31			1		2					
Southampton.....	Apr. 24	124,667	38	4										1

<sup>a</sup> Report covers two weeks.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
South Shields.....	Apr. 24	117,627	31	4						1		1
Stockholm.....	Apr. 10	339,582	111	20							5	1
Do.....	Apr. 17	339,582	122	24							2	1
Sunderland.....	Apr. 24	159,137	60									7
Tarragona.....	do.....	20,400	8	1						1		
Tegucigalpa.....	Apr. 20	24,000	9									
Turin.....	Apr. 9	381,439	129	9						1		3
Do.....	Apr. 23	381,439	150	12							2	1
Valencia.....	Apr. 17	240,000	107	13								6
Do.....	Apr. 24	240,000	110	8						1		2
Vevey.....	Apr. 17	14,500	5									
Victoria, B. C.....	May 1	30,000	7								1	
Vienna.....	Apr. 24	2,064,037	873	159					3	3	8	4
Warsaw.....	Feb. 20	751,595	300	63				2	4	2	5	8
West Hartlepool.....	Apr. 24	66,750	17									2
Winnipeg.....	May 1	118,000	10	1								
Zanzibar.....	Apr. 7	75,000	26	5								
Zurich.....	Apr. 17	180,000	58	11								2
Do.....	Apr. 24	180,000	44	9								1

a Reported out of date.

By authority of the Secretary of the Treasury:

WALTER WYMAN,  
*Surgeon-General,*  
*United States Public Health and Marine-Hospital Service.*

